#### University of North Carolina at Charlotte

New Undergraduate

Course and Curriculum Proposal from: The Department of Kinesiology

Proposal Number: KNES 4-8-2011 R

Title: Establishment of a Major in Neurodiagnostics and Sleep Science

#### Proposal Summary and Catalog Copy

- <u>Summary.</u> The Department of Kinesiology proposes to add nine new courses to the undergraduate curriculum for a B.S. degree completion program in Neurodiagnostics and Sleep Science (NDSS): NDSS 3101, NDSS 3102, NDSS 3104, NDSS 3405, NDSS 4101, NDSS 4104, NDSS 4105, NDSS 4406, and NDSS 4107. These courses are required for the major. The Department of Kinesiology also proposes to add three courses to the NDSS program that already exist on campus. Two of these courses already exist in the undergraduate Respiratory Therapy curriculum and will be used in the new NDSS program. They include: RESP 4102 and RESP 4103. The NURN 4201 is already being taught by the School of Nursing and it is currently being used in the Respiratory Therapy program as well. The NDSS program will use the NURN 4201 class as well.
- 2. <u>Proposed Catalog Copy.</u> The following represents full copy of the courses represented in this proposal. They include:

## NDSS 3101 Pathophysiology of Sleep, Neurological, and Related Disorders (3)

Course Description: Students will learn about diseases affecting the nervous system, the sleep/wake cycle, and psychiatric and behavioral disorders. Topics include etiology, clinical manifestations, pharmacology, disease prevention, and overview of treatments. Prerequisite: Admittance into NDSS program. *Fall/Online* 

## NDSS 3102 – Neurological and Sleep Diagnostic and Therapeutic Methods, and Monitoring Services (3)

Course Description: Students will learn about services available at sleep and neurophysiology laboratories and interpretation of diagnostic findings. Topics include sleep procedures, electroencephalography, and intracranial/long-term epilepsy monitoring. Students participate in laboratory practice sessions. Prerequisite: Admittance into NDSS program. *Fall/Online* 

# NDSS 3104 – Advanced Sleep and Neurodiagnostic Clinical Procedures (3)

Course Description: Students will learn advanced procedures performed in sleep centers and neurophysiology laboratories. Topics include nerve conduction velocities, electronystagmography, actigraphy, and autonomic testing techniques. Students participate in laboratory practice sessions. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3101 and NDSS 3102. *Spring/Online* 

#### NDSS 3405 - Practicum (3)

Course Description: Sleep disorders center and clinical neurophysiology laboratory clinical experience. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3104. *Summer* 

#### NDSS 4101 - Principles and Practice of Healthcare Education (3)

Course Description: This course provides a foundation in the principles and practice of healthcare education. Topics include the educational process, learner characteristics, and teaching and learning theories, techniques and strategies. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3101. *Fall/Online* 

# NDSS 4104 – Advanced Physiological Monitoring and Data Acquisition (3)

Course Description: Students will learn advanced clinical procedures performed in clinical neurophysiology laboratories and operating rooms. Topics include evoked potentials and intraoperative neurophysiologic monitoring. Students participate in laboratory practice sessions. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3104. *Fall/Online* 

### NDSS 4105 - Leadership in Healthcare Organizations (3)

Course Description: This course focuses on the theories and practices of leadership in health care. Global, social, legal, political, economic, and ethical issues are explored. Prerequisite: Admittance into NDSS program and a grade of C or higher in RESP 4102 and NDSS 4101. *Spring/Online* 

### NDSS 4406 - Internship (3)

Course Description: Sleep and clinical neurophysiology laboratory educational/management internship with mentoring component. Prerequisite: Admittance into the NDSS program and completion of NDSS 4101 and RESP 4102 with a grade of C or better. *Spring* 

### NDSS 4107 - Sleep and Neurodiagnostic Sciences Capstone (6) (W)

Course Description: Students complete a project and presentation culminating from the undergraduate course of study. Project topics provide students the opportunity to summarize, evaluate, and integrate knowledge gained throughout the undergraduate major. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3405, NDSS 4104, NURN 4201, and NDSS 4105. *Spring* 

#### **Justification**

1. Identify the need addressed by the proposal and explain how the proposed action meets the need.

The Department of Kinesiology in the College of Health and Human Services at the University of North Carolina at Charlotte, in collaboration with the Departments of Allied Health Sciences and Neurology in the School of Medicine at the University of North Carolina at Chapel Hill, are proposing a post-professional baccalaureate degree program in neurodiagnostics and sleep science (NDSS). Potential students for this program are Sleep Technologists and Electroneurodiagnostic Technologists who are already registered and practicing, but who want to pursue a BS degree to expand their professional knowledge and expand opportunities for career advancement. The NDSS program will provide a broad based foundation for sleep science professionals to gain vital skills of critical thinking and creative problem solving needed for key leadership, educational, and management roles in this emerging discipline. We anticipate that the program's prospective students will be motivated and gualified practitioners who want to pursue this degree to become the institutional, educational, and health care leaders needed in this field. The proposed program will be the first of its type in the nation and will set the national standard for future BS degrees in NDSS.

To assess the demand for the new baccalaureate degree program in NDSS, students enrolled in the five community college programs in NC with a concentration in polysomnography and/or electroneurodiagnostic technology were surveyed in 2008. Eighty two percent of the students surveyed indicated that they were interested in pursuing a BS degree in neurodiagnostics and sleep science. Students enrolled in the 33 CAAHEP accredited polysomnography and electroneurodiagnostic technology programs in the US were also surveyed and 65 percent of the respondents were interested in pursuing a BS degree in neurodiagnostics and sleep science.

Program directors from the NC Community College Polysomnography and Electroneurodiagnostic Technology with Add-on Polysomnography programs stated their students and graduates are interested in a BS degree in Neurodiagnostics and Sleep Science. To meet the leadership, educational, and management needs for neurodiagnostic and sleep science practice in North Carolina, NDSS graduates will:

- Be prepared to work in electrophysiological fields (laboratories, hospitals, industry, colleges)
- Problem solve individually and in teams addressing unique issues arising in the health care arena involving the overlap of electrophysiology, laboratory science, management and education
- Be prepared to teach at the community college level in electrophysiological areas
- Create and promote policy that improves cost-effective quality practices
- Be well prepared for additional advanced degrees.
- 2. Discuss prerequisites/corequisites for course(s) including class-standing.

Students must first complete an associate degree from an accredited school. Upon successful completion of their associate degree, all students must have earned their registry by the Board of Registration of Polysomnographic Technologists (BRPT) and/or the American Board of Electroencephalographic and Evoked Potential Technologists (ABRET). All NDSS courses are will be limited to students who are formally accepted into the program. The NDSS program is cohort based and admits new students each fall semester. Courses will be taught in the following sequence:

First Year / Semester	Course
Fall	NDSS 3101 - Pathophysiology of Sleep, Neurological, and Related Disorders
	NDSS 3102 - Neurological and Sleep Diagnostic and Therapeutic Methods, and Monitoring Services
	RESP 4103 – Evidence-Based Practice
Spring	NDSS 3104 - Advanced Sleep and Neurodiagnostic Clinical Procedures
	NURN 4201 - Information Technology: Applications in Health Care
Summer I or II	NDSS 3405 - Practicum

Second Year / Semester	Course
Fall	NDSS 4101 - Principles and Practice of Healthcare Education
	RESP 4102 - Program Administration

	NDSS 4104 - Advanced Physiological Monitoring and Data Acquisition
Spring	NDSS 4105 - Leadership in Healthcare Organizations
	NDSS 4406 - Internship
	NDSS 4107 - Sleep and Neurodiagnostic Sciences Capstone

3000 level courses indicate junior level courses and 4000 level courses indicate senior level courses. Students are advised to enroll in courses according to the sequence above. The specific prerequisites identified for some of the courses are identified above in the course descriptions. The NDSS curriculum is 38 hours in length and can be completed within two years based on sequence shown above.

3. Demonstrate that course numbering is consistent with the level of academic advancement of students for whom it is intended.

The upper division courses are numbered to reflect the year of their class standing. Thus 3000 level courses reflect junior standing, while 4000 level courses reflect senior standing. The courses are also numbered sequentially in the order that they need to be taken, with the exception of courses that are cross-listed. The course sequence above was determined by consulting with an advisory committee of physicians, program directors of sleep and neurodiagnostic associate degree programs, and laboratory managers. Courses are in the order in which the committee specified is the order most relevant to real-world practice.

4. In general, how will this proposal improve the scope, quality and/or efficiency of programs and/or instruction?

This new proposed degree is a specialized program in allied health care utilizing both an interdisciplinary and multidisciplinary approach within the College of Health and Human Services and throughout the University of North Carolina at Charlotte. This program will complement the existing portfolio of degree programs in applied health areas, including: public health, nursing, athletic training, exercise science, respiratory therapy, and social work. The degree program would be administratively housed in the Department of Kinesiology. The focus of the proposed curriculum content is also consistent with the Department's expertise on cardiopulmonary systems and function. The new program will utilize three courses that are already being taught in existing programs in the College, as well as common use of the University's General Education courses. The nine new proposed courses are specific to the neurodiagnostics and sleep science discipline, and compliment the Department's current upper division offerings at the 3000 & 4000 level.

#### <u>Impact</u>

1. What group(s) of students will be served by this proposal? (Undergraduate and/or graduate; majors and/or non-majors, others? Explain). Describe how you determine which students will be served.

Undergraduate students will be served by this proposal. Potential students for this program are Sleep Technologists and Electroneurodiagnostic Technologists who are already registered and practicing, but who want to pursue a BS degree to expand their professional knowledge and expand opportunities for career advancement. Potential students will already hold an associate degree. Surveys completed by program directors and students of Sleep and Neurodiagnostic Technology AAS programs at the North Carolina Community College as well as surveys completed by managers of sleep and neurodiagnostic laboratories throughout North Carolina demonstrate a need for a baccalaureate degree in NDSS. These surveys are the basis in determining which students will be served.

The degree program will serve students who have already obtained an associate degree, and who are appropriately credentialed to practice as a polysomnographic and/or neurodiagnostic technologist. Prospective students will need to provide verification of their credentials in order to gain acceptance into the program. This curriculum will serve students who have been specifically admitted as an undergraduate NDSS major. Furthermore, this curriculum will provide polysomnographic and neurodiagnostic technologists with advanced and specialized skills, including management and patient education skills. These advanced and specialized skills prepare polysomnographic and neurodiagnostic technologists to assume professional roles in a variety of health care settings including acute care hospitals, longterm acute care hospitals, pharmaceutical companies, outpatient centers, and physician offices. Additionally, baccalaureate prepared polysomnographic and neurodiagnostic technologists can address faculty needs to prepare entry-level practitioners in North Carolina's community college-based polysomnography and electroneurodiagnostic technology programs.

- 2. What effect will this proposal have on existing courses and curricula?
  - a. When and how often will added course(s) be taught?

These courses proposed above in the Proposal Summary above will only be taught during the semester that they have been identified to do so. Thus each course will be taught once per year, either during the Fall, Spring or Summer term.

b. How will the content and/or frequency of offering of other courses be affected?

The content and frequency of the other three courses that currently exist at UNC Charlotte (these courses make up the rest of the courses needed for the degree program) will not be affected in any way. The course sequencing for the NDSS degree program has been developed so that other courses will not be affected.

c. What is the anticipated enrollment in course(s) added (for credit and auditors)?

It is anticipated that enrollment in each of the courses proposed will encompass approximately 30 part-time students. As word of the new program increases, it is expected that more students will enroll in these courses. This enrollment estimate is conservative, and it is expected that all students enrolled in the courses will take them for credit.

d. How will enrollment in other courses be affected? How did you determine this?

Enrollment in the other three courses will also increase as a result of the creation of this degree program. The Director of the School of Nursing has indicated her support for the NDSS students taking NURN 4201 (see attached email) and the Respiratory Therapy Interim Program Coordinator has also expressed support for NDSS students taking RESP 4102 and RESP 4103 courses in their program (please see attached). Overall, each of the individuals have been fully consulted regarding these anticipated enrollment increases and has given unequivocal support for the development of this program (see attached support documents).

e. If course(s) has been offered previously under special topics numbers, give details of experience including number of times taught and enrollment figures.

None of the course contained in this proposal have ever been offered as a special topics class. Moreover, none of the other three courses that previously exist that complete the proposed NDSS degree program have been previously taught under a special topics number.

f. Identify other areas of catalog copy that would be affected, e.g., curriculum outlines, requirements for the degree, etc.

Currently, no other area of the catalog copy will be affected by this proposal since this is a new degree program proposal.

#### Resources Required to Support Proposal

- 1. Personnel
  - a. Specify requirements for new faculty, part-time teaching, student assistant and/or increased load on present faculty.

The contents of this proposal will not place any additional workload requirements on current faculty within the Department of Kinesiology. Due to the collaborative nature of course content, the Department of Kinesiology will utilize a faculty member supplied by UNC Chapel Hill's School of Medicine. This faculty member is already in place. Funding for this faculty member is currently provided by UNC Chapel Hill.

We anticipate that we may need one part time faculty member by 2013 to help teach NDSS courses, and to coordinate the administrative and clinical components of the program. Lastly, there will be no need for student assistance for this program.

b. List by name qualified faculty members interested in teaching the course(s).

Mary Ellen Wells, MS, RPSGT, R.EEG T, R.NCS T. Clinical Assistant Professor Department of Allied Health Sciences UNC School of Medicine The University of North Carolina at Chapel Hill, CB #7120 Chapel Hill, NC 27599 919-843-4673 <u>mwells@med.unc.edu</u>

2. Physical Facility

The NDSS program will be housed in Belk Gymnasium within the Department of Kinesiology. The academic space within Belk Gymnasium includes: office spaces, extensive research laboratories, an athletic training clinical instructional laboratory, and 5 classrooms.

The web-based courses require minimal classroom support. Video and teleconferencing activities will utilize the Video Conferencing Center located within the UNC Hospitals Clinical Neurophysiology Laboratory.

Course presentations will take place in Bondurant Hall and the space will be scheduled through the Medical School Teaching Laboratories (MSTL).

Limited laboratory instruction will take place in the UNC Hospitals

Clinical Neurophysiology Department and Sleep Disorders Center.

3. Equipment and Supplies

All of the 5 classrooms in Belk Gymnasium are equipped with recently updated "smart technology". Each of these rooms contains all necessary A/V and computer equipment to aid in electronic instruction. If additional space is needed, the faculty in the NDSS program will have access to the College of Health & Human Services building. This 161,000 ft<sup>2</sup> facility contains 4 floors of offices, over 40 classrooms, four Skills Laboratories, 10 Conference Rooms, one Computer laboratory and 3 Computer classrooms. All classrooms, conference rooms and laboratories are equipped with mounted LCD projectors, instructor computers, DVD, VCR, and control system for greater ease of use. In the future, some of the classrooms will be able to offer asynchronous learning opportunities. All of the instructional equipment housed in these classrooms is supported locally through the Office of Health Informatics in the College, as well as through central Information Technology Services on campus.

4. Computer

Specify requirements for computer usage by students and/or faculty, and include an assessment of the adequacy of computing resources by Computing Services.

Faculty will not need any additional equipment for computer usage above and beyond what is provided for them when they are hired. Additionally, all students enrolled in the NDSS program will have full access to the brand new state of the art computer lab located in the College of Health & Human Services building. This lab is equipped with nearly 125 PC workstations. Also, as previously mentioned, each of the classrooms are equipped with recent PCs to support multimedia instruction.

5. Audio-Visual

Specify requirements for audio and/or visual equipment and media production services from Media Services.

There are no additional specific needs for A/V support from Media Services for this program. All of the A/V needs for the program can be handled through the equipment that currently exists in the Department and in the College.

6. Other Resources

Specify and estimate cost of other new/added resources required, e.g., travel, communication, printing and binding.

Additional resources will be needed in the areas of travel,

telecommunications, and printing / copying. The UNC Chapel Hill School of Medicine has agreed to supply \$15,000 each year to cover these costs until the program is self-sustaining.

7. Indicate source(s) of funding for new/additional resources required to support this proposal.

Financial support is available through appropriated State funds, and funds (or goods) donated by individuals, corporations, or foundations. UNC Chapel Hill is the primary source of new resources for this program, including faculty and delivery of specialized Web based course content. There also is the possibility of receiving funding through grant writing to fund educational, research, or service activities.

#### Consultation with the Library and Other Departments or Units

1. Library Consultation

Indicate written consultation with the Library Reference Staff at the departmental level to insure that library holdings are adequate to support the proposal prior to its leaving the department. (Attach copy of *Consultation on Library Holdings*).

Due the collaborative nature of this curriculum, the NDSS program will utilize the libraries of both the UNC Charlotte and the UNC Chapel Hill campuses. Adequacy of each is described below:

UNC Charlotte library holdings

The Chair of the Department of Kinesiology (Dr. Mitch Cordova) has communicated with Ms. Jean Hiebert Health & Human Services Librarian from Atkins Library regarding what holdings the library currently has that will support the proposed curriculum. In summary, the library appears to have adequate holdings (textbooks and journals) to initially begin this program. The library is committed to obtaining pertinent textbooks related specifically to Neurodiagnostics and Sleep Science in time for Fall 2011. Moreover, as the program continues to grow over time, the appropriate requests will be made to the library to support the program's needs.

UNC Chapel Hill library holdings

The Library currently supports the Sleep Medicine Division in the School of Medicine's Department of Neurology and the UNC Sleep Disorders Center, accredited as a full service sleep center. Existing library collections hold several hundred subject-specific books, and more than twenty journal subscriptions are already available to support both new and existing sleep and neurodiagnostic programs.

An analysis of current collection strength reveals that the library has electronic subscriptions or access to all but one of the most needed journals and to approximately half of the core texts required for the new program, as designated by program faculty member Mary Ellen Wells. A list of current holdings provided by the UNC Chapel Hill Health Science Library is included as an attachment.

The Library supports other distance education programs in four of the five schools associated with it, including three other programs in the Department of Allied Health. General resource support is provided by a large and expanding collection of electronic journals, books, databases, and other resources available online on and off campus. More than 200 databases are available, of which PubMed, CINAHL, CogPrints, and PsycINFO are central to the new program.

 Consultation with other departments or units List departments/units consulted in writing and dates consulted. Summarize results of consultation and attach correspondence.

Multiple letters of support for the NDSS program (and hence the development of this curriculum) have been received from key institutions throughout North Carolina. Specifically, the following are full support of this proposed curriculum and program:

- North Carolina Community College System (June 3<sup>rd</sup>, 2010)
- Pitt Community College (January 5<sup>th</sup>, 2009)
- Lenoir Community College (September 17<sup>th</sup>, 2008)
- Pamlico Community College (October 8<sup>th</sup>, 2008)
- Sandhills Community College (October 8<sup>th</sup>, 2008)
- The American Society of Electroneurodiagnostic Technologists (November 1<sup>st</sup>, 2008)
- UNC Chapel Hill Department of Neurology (October 7<sup>th</sup>, 2008)
- Council for Allied Health in North Carolina (November 18<sup>th</sup>, 2008)
- North Carolina Association of Sleep Technologists (October 28<sup>th</sup>, 2008)
- UNC Clinical Neurophysiology Labs and Sleep Disorders Center (May 26<sup>th</sup>, 2010)

#### Initiation and Consideration of the Proposal

1. Originating Unit

Briefly summarize action on the proposal in the originating unit including

information on voting and dissenting options.

The proposal was first created and reviewed by select faculty in the Department of Kinesiology. The Department faculty has unanimously endorsed the establishment of this program. The proposed program will be forwarded to the College of Health & Human Services Curriculum Committee (CCC) for approval.

2. Other Considering Units Briefly summarize action on the proposal by each considering unit including information on voting and dissenting options.

The CCC will review and vote on the approval of the document. Once it passes the CCC with a vote, the proposal will then be forwarded on for approval at the University level.

#### **Attachments**

- 1. Memorandum of Understanding between UNC Charlotte and UNC Chapel Hill
- 2. Intent to Plan Approval from UNC Charlotte
- 3. Communication from Library Regarding Curriculum Support and specific NDSS library holdings
- 4. Letters of Support from Key Units on Campus and Professional Community Leaders
- 5. Representative Course Syllabi (complete with course outlines and required textbooks)

### Attachments

#### **MEMORANDUM OF UNDERSTANDING**

#### BETWEEN

#### The University of North Carolina at Chapel Hill, School of Medicine, Department of Allied Health Sciences

#### AND

#### The University of North Carolina at Charlotte, College of Health & Human Services, Department of Kinesiology

#### **I. PURPOSE**

The purpose of this Memorandum of Understanding is to define the working relationship between The University of North Carolina at Chapel Hill, School of Medicine, Department of Allied Health Sciences (DAHS) and The University of North Carolina at Charlotte, College of Health & Human Services, Department of Kinesiology (CHHS). This agreement will clarify the collaborative roles and responsibilities of the two institutions with respect to the establishment and delivery of an on-line Bachelors Degree in Neurodiagnostics and Sleep Science (NDSS).

DAHS has developed a specialized curricular content for a new baccalaureate degree to prepare advanced practice professionals in the field of Neurodiagnostics and Sleep Science (NDSS). The need for this new degree and level of preparation has become apparent over the past several years and is well documented in an initial "Intent to Plan" proposal prepared by the DAHS faculty. Ideally, this content would be offered in the form of a primarily <u>on-line</u>, <u>post-professional degree for currently registered sleep technologists and neurodiagnostic technologists</u> who already have their AS or AAS degrees (preferably earned from one of the NC Community College END or PSG programs.) CHHS has been successful in designing and delivering a very parallel, post-professional baccalaureate degree for practicing respiratory care professionals in North Carolina.

Our mutual goal is to establish a <u>collaborative partnership</u> through which CHHS will sponsor this new degree and offer approximately four of the required upper division undergraduate courses. DAHS will deliver and be responsible for approximately eight of the specialized neurodiagnostics and sleep science courses. DAHS's responsibility includes course management, content evaluation, and course revision.

#### **II. LEGAL STATUS**

All of the provisions of this MOU and any addenda are subject to mutual agreement of the parties, to the availability of appropriate funding at each institution, to review by the Office of University Counsel and approval by the Provost at each participating campus, and to review and approval by the UNC General Administration. This MOU will remain in effect until terminated or amended by mutual consent. Both parties to this MOU have the right to terminate this MOU by informing the partner in writing six months prior to the desired termination date.

#### **III. TERM OF THIS MEMORANDUM**

The effective date of this memorandum shall be the date of execution and it shall continue in effect until terminated by either party or modified by written amendment executed by both parties.

#### **IV. ROLES AND RESPONSIBILITIES**

#### A. The DAHS will:

- 1. Provide CHHS with access to editable versions of documents prepared by their faculty that are needed for the establishment of a new NDSS degree program in the UNC system (i.e., Intent *to Plan* and *Request to Establish*).
- 2. Provide assistance if requested to faculty at CHHS in the final preparation and submission of these forms on behalf of UNC-Charlotte
- 3. Advertise and recruit students for this new degree program at UNC-Charlotte
- 4. Provide the full time services of a DAHS faculty member qualified in NDSS, Mary Ellen Wells (or should she be or become unavailable, of a substitute NDSS faculty member reasonably acceptable to CHHS), who will assume responsibility for overall program coordination, NDSS specialty course development and delivery, assisting with applicant screening, making admission recommendations, submitting student grades in a timely manner, and related teaching and program administrative duties as may be agreed through further addenda to this MOU.
- 5. Disseminate information about this collaborative degree program throughout the UNC system and the relevant professional community, and list the program on its own website, noting the contributions of each partner institution.
- 6. Submit needed documentation to allow students in the NDSS program to access needed specialty content through the UNC Chapel Hill Health Sciences Library
- 7. Provide access to the facility and faculty resources of the UNC Hospitals Sleep Disorders Center and UNC Clinical Neurophysiology Laboratory, including the services of the Medical Director of this program (Dr. Bradley Vaughn), as described in the curriculum plan for this degree.
- B. The NDSS specialty courses will be cross listed at UNC- CH
- C. DAHS will be responsible for the course material content and quality assurance for the specialty courses.
- D. <u>The CHHS will:</u>
  - 1. Submit the *Intent to Plan* and *Request to Establish* documents in accordance with the policies and timelines established for UNC-Charlotte and the UNC General Administration.
  - 2. Assist with the process of securing approval and listing of new NDSS courses by the Registrar at UNC-Charlotte; and securing an appropriate adjunct or joint

appointment for Mary Ellen Wells (or substitute DAHS faculty member) at UNC-Charlotte.

- 3. Plan for the additional student slots needed in CHHS health science courses that will be required for completion of the NDSS degree program.
- 4. Provide the Information and Education Technology infrastructure and support needed for delivery of this on-line degree program.
- 5. Advertise this new collaborative degree program on its website and in other materials advertising related health science degree programs, identifying UNC-Chapel Hill as a partner in this offering, and noting the contributions of each partner institution.
- 6. Admit students accepted into this program; and confer the designated degree upon their successful completion of the program.
- 7. Track student credit hours projected and actually generated through this degree program, and request enrollment growth funding from the UNC General Administration for the ongoing support of the program

#### V. FINANCIAL CONSIDERATIONS

There will be no exchange of funds between the participating institutions. The DAHS will contribute the time and expertise of its NDSS faculty member, Mary Ellen Wells, as in-kind support for this collaborative partnership during the initial degree start up period, which shall be until such time as enrollment growth funding for the CHHS will support this cost, but no later than 18 months from the date the Board of Governors approves UNC-Charlotte's Request to Establish this degree. After the Board of Governors approves the Establishment of this program, DAHS will provide funding for adjunct faculty needed to support expanded capacity of existing CHHS health science courses that will be required for students enrolled in the NDSS degree program. This funding will not exceed \$15,000 per academic year, and will continue until such time as enrollment growth funding for the CHHS will support this cost, but no later than 18 months from the date the Board of Governors approves to support expanded capacity of existing CHHS health science courses that will be required for students enrolled in the NDSS degree program. This funding will not exceed \$15,000 per academic year, and will continue until such time as enrollment growth funding for the CHHS will support this cost, but no later than 18 months from the date the Board of Governors approves UNC-Charlotte's Request to Establish this degree.

It is expected that the this program will generate new student credit hours sufficient to maintain the local program costs at CHHS; and to support a contractual arrangement with DAHS that will provide funding to support Ms. Wells' time commitment to the program. The specific terms of such an arrangement will be determined at a later date and documented in an addendum to this MOU or through a more formal, inter-institutional contract.

#### VI. SIGNATURES

The University of North Carolina at Chapel Hill

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Lee K. McLean Chair, Dept. of Allied Health Sciences

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William L. Roper Dean, School of Medicine

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The University of North Carolina at Charlotte

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Mitchell L. Cordova Chair, Dept. of Kinesiology

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Jané B. Neese Interim Dean, College of Health & Human Services

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Joan/F. Lorden Provost and Vice Chancellor for Academic Affairs

#### Cordova, Mitch

From: Sent: To: Cc: Subject: Zenk, Leslie Wednesday, April 06, 2011 3:24 PM Cordova, Mitch Coppola, Steve RE: NDSS Program Intent to Plan Documentation

Mitch –

Appendix A and Appendix F have been signed by the Provost and have been submitted electronically to General Administration.

- Leslie

Leslie R. Zenk | Coordinator of Academic Policies, Procedures, and Faculty Governance UNC Charlotte | Office of Academic Affairs 9201 University City Blvd. | Charlotte, NC 28223 Phone: 704-687-5766 | Fax: 704-687-6912 Office Location: 534 Reese Izenk@uncc.edu | http://provost.uncc.edu

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#### **Consultation on Library Holdings**

To: Mitch Cordova From: Jean Hiebert Date: April 10, 2011 Subject: Sleep Neuroscience and Atkins Library Holdings Summary of Librarian's Evaluation of Holdings: Evaluator: Jean Hiebe, H. Date: 4/10/11 Please Check One: Holdings are adequate Holdings are adequate only if Dept. purchases additional items.

Comments:

aluator's Signature

10/11

Date

Revised 10/29/08 OAA jdp

#### UNC Charlotte Atkins Library Holdings - B.S. Degree in Neurodiagnostics & Sleep Science

Advances in sleep research	edited by Elliot D. Weitzman	1974
An evolutionary psychology of sleep and dreams	McNamara, Patrick	2004
Atlas of sleep medicine	Chokroverty, Sudhansu	2005
Basic sleep mechanisms	Edited by Olga Petre-Quadens [and] John D. Schlag	1974
Behavioral sleep medicine [electronic resource].		2003
Birds asleep	Skutch, Alexander F.	1989
Brain mechanisms of sleep	editors, Dennis J. McGinty [et al.].	1985
Brain mechanisms of sleep	editors, Dennis J. McGinty	1985
Brainstem control of wakefulness and sleep	Mircea Steriade and Robert W. McCarley	1990
Circadian clocks	Moore	2001
Clinical aspects of sleep and sleep disturbance	edited by Terrence L. Riley	1985
Clinical physiology of sleep	edited by Ralph Lydic, Julien F. Biebuyck.	1988
Clinical physiology of sleep	edited by Ralph Lydic, Julien F. Biebuyck	1988
Cultural issues and children's sleep : international perspectives :		
International Pediatric Sleep Education Task Force, June 3, 2003 Chicago, Illinois	Judith A. Owens, supplement editor	2005
IIIIII0IS	Judith A. Owens, supplement eutor	2005
Eating, sleeping, and sexuality : treatment of disorders in basic life		
functions	edited by Michael R. Zales	1982
Encyclopedia of sleep and sleep disorders	Thorpy, Michael J.	1991
Evaluation and treatment of insomnia	Kales, Anthony.	1984
Functions of dreaming	Alan Moffitt, Milton Kramer, and Robert Hoffmann, editors.	1993
Good night's sleep : a step-by-step program for overcoming insomnia and		
other sleep problems	Maxmen, Jerrold S.	1981
Human sleep : research and clinical care	Mendelson, Wallace B.	1987
Human sleep and its disorders	Mendelson, Wallace B.	1977
-	National Center on Sleep Disorders Research, National Heart, Lung,	
Insomnia, assessment and management in primary care	National Center on Sleep Disorders Research, National Heart, Lung, and Blood Institute, National Institutes of Health,	1998
Insomnia, assessment and management in primary care Insomniac	National Center on Sleep Disorders Research, National Heart, Lung,	
Insomnia, assessment and management in primary care Insomniac Integration of behavioral and relaxation approaches into the treatment of	National Center on Sleep Disorders Research, National Heart, Lung, and Blood Institute, National Institutes of Health,	1998
Insomnia, assessment and management in primary care Insomniac	National Center on Sleep Disorders Research, National Heart, Lung, and Blood Institute, National Institutes of Health,	1998
Insomnia, assessment and management in primary care Insomniac Integration of behavioral and relaxation approaches into the treatment of chronic pain and insomnia : January 1985 through July 1995 : 1147	National Center on Sleep Disorders Research, National Heart, Lung, and Blood Institute, National Institutes of Health, Greene, Gayle	1998 2008

Losing sleep : how your sleeping habits affect your life Lung biology in health and disease. Vol. 133, Regulation of sleep and	Dotto, Lydia	1990
circadian rhythms [electronic resource] Manifestations and management of chronic insomnia in adults [electronic	/ edited by Fred W. Turek, Phyllis C. Zee	1999
resource]	Buscemi N	2005
Mind awake and asleep ; The mind hidden and divided [videorecording Neurobiology of sleep and memory : proceedings of a conference held in		1989
Mexico City in March 1975	editors, René R. Drucker-Colín, James L. McGaugh	1977
Neuronal substrates of sleep and epilepsy	Steriade, Mircea	2003
Neuropsychology of sleep and dreaming	edited by John S. Antrobus, Mario Bertini.	1993
Night : night life, night language, sleep, and dreams	Alvarez, A.	1995
Obstructive sleep apnea : recognition and management in primary care	James F. Pagel	2008
Obstructive sleep apnea. Diagnosis and treatment Obstructive sleep apnea. Pathophysiology, comorbidities, and	edited by Clete A. Kushida	2007
consequences	edited by Clete A. Kushida	2007
Obstructive sleep apnea. Pathophysiology, comorbidities, and consequences	edited by Clete A. Kushida	2007
Overcoming insomnia : a medical program for problem sleepers	Sweeney, Donald M	1989
Philosophical essays on dreaming	edited by Charles E. M. Dunlop	1977
Physiologic nature of sleep	edited by] Pier Luigi Parmeggiani, Ricardo A. Velluti	2005
Physiologic nature of sleep	[edited by] Pier Luigi Parmeggiani, Ricardo A. Velluti.	1992
Physiological and psychological aspects of night and shift work	Wojtczak-Jaroszowa, Jadwiga	1977
Physiology in sleep	edited by John Orem, Charles D. Barnes	1980
Physiology in sleep	edited by John Orem, Charles D. Barnes	1980
Problems of sleep and dream in children	Harms, Ernest	1964
Psychophysiological aspects of sleep : proceedings of the Third International Congress of Sleep Research Regulation of Tris-treated sleepwear : hearings before the Subcommittee	edited by Ismet Karacan	1981
on Oversight and Investigations of the Committee on Energy and Commere, House of Representatives, Ninety-seventh Congress, first	United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.	
session, April 15 and June 4, 1981	Delegation to Latvia on the State of the Environment	1981
Relief from insomnia : getting the sleep of your dreams	Morin, Charles M	1995
Review of sleep medicine	edited by] Teri J. Barkoukis, Alon Y. Avidan	2007
Review of sleep medicine	[edited by] Teri J. Barkoukis, Alon Y. Avidan	2007

Sleep & breathing [electronic resource] : international journal of the science and practice of sleep medicine.		
Sleep and aging : a research-based guide to sleep in later life	Morgan, Kevin	1987
Sleep and biological rhythms [electronic resource].		2003
Sleep and biological rhythms [electronic resource].		2003
Sleep and breathing in children [electronic resource] : a developmental		
approach	edited by Gerald M. Loughlin ; John L. Carroll ; Carole L. Marcus	2000
Sleep and dreaming	Jacob Empson	1993
Sleep and dreams : a sourcebook	edited by] Jayne Gackenbach.	1987
Sleep and its secrets : the river of crystal light	Aronoff, Michael S.	1991
Sleep and respiration : proceedings of the First International Symposium		
on Sleep and Respiration, held in Banff, Alberta, April 1-4, 1989 Sleep and respiration in aging adults : proceedings of the Second	editors, Faiq G. Issa, Paul M. Suratt, John E. Remmers.	1990
International Symposium on Sleep and Respiration, held at South Shore		
Harbour Resort and Conference Center, League City, Texas, March 9-13,	oditore Comusit T. Kung Doul M. Curatt John F. Dommore	1001
	editors, Samuel T. Kuna, Paul M. Suratt, John E. Remmers	1991
Sleep and society : sociological ventures into the (un)known	Simon J. Williams. Edited by Carmine D. Clemente, Dominick P. Purpura [and] Florence	2005
Sleep and the maturing nervous system	E. Mayer.	1972
Sleep and wakefulness	Kleitman, Nathaniel,	1963
	Committee on Sleep Medicine and Research, Board on Health	
Sleep disorders and sleep deprivation : an unmet public health problem	Sciences Policy	2006
Sleep disorders sourcebook : basic consumer health information about		
sleep and its disorders including insomnia, sleepwalking, sleep apnea, restless leg syndrome, and narcolepsy; along with data about shiftwork		
and its effects, information on the societal costs of sleep deprivation,		
descriptions of treatment options, a glossary of terms, and resource		
listings for additional help	edited by Jenifer Swanson	1999
Sleep mechanisms and functions in humans and animals : an evolutionary		
perspective	edited by Andrew Mayes	1983
Sleep medicine	Christian Guilleminault	2010
sleep medicine reviews [electronic resource]		
Sleep peptides : basic and clinical approaches	edited by Shojiro Inoué and D. Schneider-Helmert	1988
Sleep research; a critical review	Freemon, Frank	1972
Sleep thieves : an eye-opening exploration into the science and mysteries	Cover Stepley	1007
of sleep	Coren, Stanley	1996

	Sleep, dreams, and arousal	Murray, Edward R.	1965
	Sleep, its nature and physiological organization	Koella, Werner P	1967
	Sleep, sleep disorders, and biological rhythms [electronic resource	[writing team, Charles Amlaner et al.].	2003
	Sleep, sleep disorders, and biological rhythms [electronic resource]	writing team, Charles Amlaner et al	2003
	Sleep, sleepiness, and performance	Monk, Timothy	1991
	Sleep/wake disorders : natural history, epidemiology, and long- term		
(	evolution	editors, Christian Guilleminault, Elio Lugaresi	1983
:	Sleep: an experimental approach	Webb, Wilse B	1968
:	Sleep: physiology & pathology; a symposium	Edited by Anthony Kales	1969
:	Sleepfaring : a journey through the science of sleep	Horne, James	2006
:	Sleeping and waking disorders : indications and techniques	Guilleminault, Christian	1982
:	Sleeping brain : proceedings of the symposia of the first international		
	congress of the Association for the Psychophysiological Study of Sleep,		
]	Bruges, Belgium, June 19-24, 1971	Association for the Psychophysiological Study of Sleep.	1971
:	Sleep-talking : psychology and psychophysiology	Arkin, Arthur M	1981
:	Somnologie [electronic resource]		
,	Freating sleep disorders : principles and practice of behavioral sleep		
]	nedicine	edited by Michael L. Perlis, Kenneth L. Lichstein.	2003
1	Understanding sleep : the evaluation and treatment of sleep disorders	edited by Mark R. Pressman, William C. Orr	1997
	Since standing sicep . the evaluation and treatment of sicep disorders	curcu by Mark R. Pressman, Winnam C. Off	1997
١	Understanding sleep : the evaluation and treatment of sleep disorders	edited by Mark R. Pressman, William C. Orr.	1997
1	Understanding sleeplessness : perspectives on insomnia	Neubauer, David N	2003
		U.S. Dept. of Health and Human Services, National Institutes of	
,	Your guide to healthy sleep [electronic resource]	Health, National Heart, Lung, and Blood Institute	2005

TITLE	AUTHOR
A good night's sleep. A manual of standardized terminology, techniques and scoring system for sleep stages of human subjects / Allan Rechtschaffen and Anthony Kales, editors.	
A primer on sleep and dreaming / Rosalind Dymond Cartwright. A study of sleep patterns of a group of psychiatric patients who were transferred from a racially segregated environment to one which was racially desegregated / by Rose Geraldine George.	Cartwright, Rosalind Dymond. George, Rose Geraldine.
A treatise on headache and neuralgia : including spinal irritation and a disquisition on normal and morbid sleep / by J. Leonard Corning. A triune concept of the brain and behaviour, by Paul D. MacLean. Including Psychology of memory and Sleep and dreaming papers presented at Queen's University, Kingston, Ontario, February 1969, by V.	Corning, J. Leonard (James Leonard), 1855-1923.
A. Kral [and others. Ă∉ quoi rĂ∿ent nos enfants? English,"What do children dream? / GĂ@rard BlĂ@andonu translated by Sophie Leighton." A&C of sleep disorders / edited by Colin M. Shapiro with contributions by William C. Demont[et al.].	MacLean, Paul D. Bleandonu, Gérard.
Abc or steep discloser's enter by communications of y minant c. benoint (et al.). Abnormalities of respiration during steep : diagnosis, pathophysiology, and treatment / edited by Eugene C. Fletcher. Addiescent sleep needs and school starting times / edited by Kyda L. Wahlstrom.	
Adolescent steep needs and school saming unter Pedied of yrva L. Yanisatolin. Adolescent sleep patterns : biological, social, and psychological influences / edited by Mary A. Carskadon. Advances in sleep research [serial].	
Advances in sloep research, edited by Elliot D. Weitzman. An evolutionary psychology of sleep and dreams / Patrick McNamara.	McNamara, Patrick, 1956-
	Sadger, J. Sadger, J.
Aristotie on sleep and dreams : a text and translation with introduction, notes and glossary / Jedited by] David Gallop. Aspects of human efficiency: diurnal rhythm and loss of sleep: the proceedings of a conference held at Strasbourg in July 1970 under the aegis of the NATO Scientific Affairs Division edited by W. P.	Aristotle.
Colguhoun. Atlas of sleep medicine in infants and children / by Stephen H. Sheldon, Susan Riter, Mark Detrojan.	
A-voli, iĭ,juï, tĭ,jsïi, iĭ,ja sna. English,"Evolution of sleep : stages of the formation of the 'wakefulness-sleep' cycle in vertebrates / Ida Gavrilovna Karmanova translation from Russian by A.I. Koryushkin and O.P. Uchastkin with editorial assistance by Werner P. Koella."	Karmanova, I. G. (Ida Gavrilovna)
Awakening and sleep-wake cycle across development / edited by Piero Salzarulo, Gianluca Ficca.	NATO Advanced Study Institute (1971 : Bruges,
Behavioral treatment for persistent insomnia / Patricia Lacks.	Belgium) Lacks, Patricia.
Biological rhythms and mental disorders / editors, David J. Kupfer, Timothy H. Monk, Jack D. Barchas. Biological rhythms, sleep and shift work / edited by Laverne C. Johnson [et al.].	
Biological rhythms, sleep, and performance / edited by Wilse B. Webb. Birds asleep / Alexander F. Skutch illustrations by N. John Schmitt.	Skutch, Alexander Frank, 1904-2004.
Brain mechanisms of sleep / editors, Dennis J. McGinty [et al.]. Brainstem control of wakefulness and sleep / Mircea Steriade and Robert W. McCarley.	Steriade, Mircea.
Breathing disorders in sleep / [edited by] Walter T. McNicholas, Eliot A. Phillipson. Breathing disorders of sleep / edited by Norman H. Edelman, Teodoro V. Santiago.	
Can drivers avoid falling asleep at the wheel? : relationship between awareness of sleepiness and ability to predict sleep onset / Anna Itoi [et al.]	Dellums, C. L. (Cottrell Laurence)
Case studies in insomnia / edited by Peter J. Hauri with a foreword by William C. Dement. Children's sleep a series of studies on the influence of motion pictures normal age, sex, and seasonal variations in motility experimental insomnia the effects of coffee and the visual flicker limens of children (BN) Series and Research Wornen L. Miller and Derothy D. Marruis	Panchaw Samual 1902 1091
children. [By] Samuel Renshaw, Vernon L. Miller (and) Dorothy P. Marquis. Ciba Foundation Symposium on the Nature of Sleep. Editors for the Ciba Foundation: G.E.W. Wolstenholme and Maeve O'Connor.	Renshaw, Samuel, 1892-1981. Ciba Foundation Symposium on the Nature of Sleep (1960 : London, England)
Clinical handbook of insomnia / edited by Hrayr P. Attarian foreword by Mark W. Mahowald.	Culebras, A.
Cilinical handbook of sleep disorders in children / edited by Charles E. Schaefer. Clinical handbook of sleep disorders in children / edited by Charles E. Schaefer.	
Clinicial sleep disorders / dited by Nathaniel F. Watson, Bradley V. Vaughn.	
Concise quide to evaluation and management of sleep disorders / Martin Reite, John Ruddy, Kim Nagel. Concise quide to evaluation and management of sleep disorders / Martin Reite, Kim Nagel, John Ruddy.	Reite, Martin. Reite, Martin.
Continuous positive airway pressure for the treatment of obstructive sleep apnea in adults / [H. Handelsman, E. Carter]. Continuous spikes and waves during slow sleep, electrical status epilepticus during slow sleep : acquired epileptic aphasia and related conditions : colloquium of the Pierfranco e Luisa Mariani Foundation,	Handelsman, Harry.
Milan, in cooperation with International School of Neurological Sciences, San Servolo, Venice, San Servolo, 15-16 October 1993 / edited by A. Beaumanoir [et al.].	International Symposium on Control of Breathing
Control of breathing during sleep and anesthesia / edited by WA. Karczewski [et al.]. Counting sheep : the science and pleasures of sleep and dreams / Paul Martin.	during Sleep and Anesthesia (1987 : Warsaw, Poland) Martin, Paul R., 1951-
	Rubin, Frederick. Luce, Gay Gaer.
Die Macht des Schlafes in der griechisch-rÄffmischen Welt : eine Untersuchung der mythologischen und physiologischen Aspekte der antiken Standpunkte / Petra Strobl.	Faria, José Custã <sup>3</sup> dio de, 1756-1819. Strobl, Petra.
	Hobson, J. Allan, 1933- Malcolm, Norman, 1911-
	Malcolm, Norman, 1911- Macario, Maurice Martin Antonin, b. 1813. Lavie, P. (Peretz), 1949-
Endomanner a source new ender an endomen work of seep in ender an ender in a search and	Lavie, F. (Feleiz), 1949-
	Williams, Robert L. (Robert Leon), 1922-
Nussmå///ller, J. Clutton-Brock [and] B. M. Q. Weaver. Encyclopedia of sleep and dreaming / Mary A. Carskadon, editor in chief.	
	Baust, Walter. Dibie, Pascal.
Evaluation and treatment of insomnia / Anthony Kales, Joyce D. Kales.	Sheldon, Stephen H. Kales, Anthony.
Facts about problem sleepiness.	Goldberg, Philip, 1944-
	Borbély, Alexander A.
Handbook of sleep disorders / edited by Michael J. Thorpy.	Seitter, Walter.
Handbook of sleep-related breathing disorders / J.R. Stradling.	Shneerson, John. Stradling, John R.
Hearing seep reading, rappy clinic / waic wessouun. How to help your shift workers wake up and get some sleep : improve their performance at work, at home, and on the road. Human brainwaves : the psychological significance of the electro-encephalogram / Jacob Empson.	Weissbluth, Marc. Empson, Jacob, 1944-
Human sleep : research and clinical care / Wallace B. Mendelson.	Mendelson, Wallace B. Mendelson, Wallace B.
Human steep and its disprets / wanace 5. Memberson J. Crimstant Silling, and Richard Sed Wyatt. Hypnagogia: the unique state of consciousness between wakefulness and sleep / Andreas Mavromatis. Insomnia: its causes and treatment / by James Sawyer.	Mendelson, Wallace B. Mavromatis, Andreas. Sawyer, James, Sir, 1844-1920.
	Morin, Charles M.
Insomniac / Gavle Greene. Insomniac / Bavle	Greene, Gayle, 1943- Rubinstein, Hilary.
Integration of behavioral and relaxation approaches in the treatment of chronic pain and insomia : National Institues of Health technology assessment conference statement October 16-18, 1995 / National Institutes of Health,	
[LArm, Schlaf und Leistung : eine empirische Untersuchung der Auswirkungen Narmges/Afriter Nachhruhe auf Simmung und Verhalten / Eckhard Gros. Leiot lei-to nak vak. English, "Reselses nights : understanding and siege appene / Peretz Lavie : translated from the Herberw by Anthony Berris."	Gros, Eckhard. Lavie, P. (Peretz), 1949-
Losing sleep : how your sleeping habits affect your life / Lydia Dotto. Lung biology in health and disease. Vol. 133, Regulation of sleep and circadian rhythms [electronic resource] / edited by Fred W. Turek, Phyllis C. Zee.	Dotto, Lydia.
Mathematical models of the circadian sleep-wake cycle / editors, Martin C. Moore-Ede, Charles A. Czeisler.	Orr, William C.
Neurobiology of sleep and memory : proceedings of a conference held in Mexico City in March 1975 / editors, RenA® R. Drucker-ColA-n, James L. McGaugh associate editors, Robert A. Jensen and Joe L. Martinez, Jr.	International Company on Martin and Other
Night and shift work : biological and social aspects : proceedings of the fifth International Symposium on Night and Shift Work, Scientific Committee on Shift Work of the Permanent Commission and International Association on Occupational Health (PCIAOH) Rouen, 12-16 May 1980 / editors, Alain Reinberg, Norbert Vieux, Pierre Andlauer.	International Symposium on Night and Shift Work (5th : 1980 : Rouen, France)
Night-time and sleep in Asia and the West : exploring the dark side of life / edited by Brigitte Steger and Lodewijk Brunt. NH Technology Assessment Conference on Integration of Behavioral and Relaxation Approaches into the Treatment of Chronic Pain and Insomia.	National Institutes of Health Technology Assessment Conference (1995 : Bethesda, Md.)
	Hauri, Peter. Hauri, Peter.
Noctumal asthma : mechanisms and treatment / edited by Richard J. Martin. Nordisk forskning on sAftma F Nordic iseen creater): 4 Nordisk as Aftmnforskningskongressen den 3031.3.1990 I A bo vid Folkoensionsanstaltens Central IAftr Rehabiliteringsforskning = 4th	Scandinavian Congress for Sleep Research (4th :
Scandinavian Congress for Sleep Research, March 30-31, 1990, in Turku at the Rehabilitation Research Centre of the Social Insurance Institution / redaktAn/reditor, Markku T. HyyppAn.	1990 : Turku, Finland) Jovanović, UroÅj J. (UroÅj Jovan)
On going to bed / Anthony Burgess. On the state of the mind during sleep, etc	Burgess, Anthony, 1917-1993. Fowler, Richard, 1765-1863.
Overcoming insomnia : a cognitive-behavioral therapy approach : therapist guide / Jack D. Edinger, Colleen E. Carney. Pediatric sleep medicine / Stephen H. Sheldon. Jean-Paul Spire, Howard B. Levy.	Edinger, Jack D. Sheldon, Stephen H.
	Othmer, Ekkehard.
Pharmacology of the states of alertness: proceedings of the satellite symposium of the 7th International Congress of Pharmacology / editors, P. Passouant, I. Oswald. Philosophical essays on dreaming / edited by Charles E. M. Dunlop.	
Physiology in sleep / edited by John Orem, Charles D. Barnes.	Du Prel, Carl, 1839-1899.
Polysomrography and sleep disorder centers. Present role of sleep study in ung disease : methods and application in adults : proceedings of a Workshop held October 6-8, 1988 at the Medical Center for Rehabilitation, Veruno (Novara), Italy / Edited by	
C.F. Donner (Italy), P. Howard (UK). Principles and practice of sleep medicine / [edited by] Meir H. Kryger, Thomas Roth, William C. Dement.	

115 Principles and practice of sleep medicine / [edited by] Meir H. Kryger, Thomas Roth, William C. Dement. 116 Principles and practice of sleep medicine / [edited by] Meir H. Kryger, Thomas Roth, William C. Dement.	
117       Principles and practice of sleep medicine / jedited by/ Meir H. Kryger, Thomas Roth, William C. Dement.         118       Principles and practice of sleep medicine in the child / jedited by/ Richard Ferber, Meir Kryger.	
119 Problems of sleep and dream in children. 20 Psychopharmacology of sleep 2 sponsored by the British Association for Psychopharmacology editor, David Wheatley.	Harms, Ernest, 1895-1974.
121 Psychophysiological aspects of sleep : proceedings of the Third International Congress of Sleep Research / edited by Ismet Karacan. 122 Regulation of sleep and circadian rhythms / edited by Fred W. Turek, Phyllis C. Zee.	International Congress of Sleep Research (3rd : 1979 : Tokyo, Japan)
	United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.
124 Seasonal affective disorder and beyond : light treatment for SAD and non-SAD conditions / edited by Raymond W. Lam. 125 Self-identified sleep patterns in a selected population of normal, aged persons / by Paulette Yvonne Russell.	Russell, Paulette Yvonne.
126 Shiftwork / guest editor, Allene Jane Scott.	Russen, Faulette Tvorme.
	Hall, W. W. (William Whitty), 1810-1876.
129 Sleep, the mysterious third of your life [by] Jonathan and Marianna Kastner. Illustrated by Don Madden. 13 Sleep / edited by Rosemary Cooper.	Kastner, Jonathan.
131 [Siep / edited by Thomas Wiedemann and Ken Dowden. 132 [Siep / and Oswald	Oswald. Ian.
133 Sleep / J. Allan Hobson. 134 Sleep : a comprehensive handbook / [edited by] Teofilo Lee-Chiong.	Hobson, J. Allan, 1933-
135 Sleep : evolution and disorders / Ida G. Karmanova, Genrikh A. Oganesvan translated by L.N. Smirnova. 136 Sleep : neurotransmitters and neuromodulators / editors, A. Wauguier [et al.].	Karmanova, I. G. (Ida Gavrilovna)
137 Sleep : physiology & pathology a symposium / Edited by Anthony Kales.	
139 Sleep 1982 : physiology, pharmacology, sleep factors, memory, sleep deprivation, hypnotics : Sixth European Congress on Sleep Research, Zurich, March 23-26, 1982 / editor, W.P. Koella.	Regestein, Quentin R. European Congress on Sleep Research (6th : 1982 : Zurich, Switzerland) Morgan, Kevin, 1950-
141 Sleep and altered states of consciousness proceedings of the association, December 3 and 4, 1965, New York.	Association for Research in Nervous and Mental Disease. Meeting (45th : 1965 : New York, N.Y.)
142 Sleep and biological rhythms : basic mechanisms and applications to psychiatry / edited by Jacques Montplaisir, Roger Godbout.	UniversitA© de MontrA©al. Centre de recherche en sciences neurologiques. Symposium (10th : 1988)
143 Sleep and brain plasticity / edited by P. Maquet, C. Smith and R. Stickgold. 144 Sleep and breathing / edited by Nicholas A. Saunders, Colin E. Sullivan.	
145 Sleep and breathing / edited by Nicholas A. Saunders, Colin E. Sullivan.	
147 Sleep and dream research.	Empoon Josep 10/4
149 Sleep and dreaming / Jacob Empson.	Empson, Jacob, 1944- Empson, Jacob, 1944-
150 Sleep and dreaming / Marvin Rosen. 151 Sleep and dreaming : origins, nature and functions / by David B. Cohen.	Rosen, Marvin. Cohen, David B., 1941-
152 Sleep and dreaming, edited by Ernest Hartmann. 153 Sleep and dreams : a sourcebook / [edited by] Jayne Gackenbach.	
145 Sleep and epilepsy / edited by M.B. Sterman, Margaret N. Shouse, P. Passouant. 155 Sleep and epilepsy / edited by M.B. Sterman, Margaret N. Shouse, P. Passouant.	
156 Sleep and its derangements / by William A. Hammond new introduction by R.W. Rieber, William S. Laufer, and Dagna K. Skoog.	Hammond, William Alexander, 1828-1900.
158 Sleep and its secrets : the river of crystal light / Michael S. Aronoff.	Aronoff, Michael S.
159 Sleep and respiration : proceedings of the First International Symposium on Sleep and Respiration, held in Banff, Alberta, April 1-4, 1989 / editors, Faiq G. Issa, Paul M. Suratt, John E. Remmers.	International Symposium on Sleep and Respiration (1st: 1989: Banff, Alta.) International Symposium on Sleep and Respiration (2nd: 1991: League City, Tex.)
161 Sleep and rheumatism, by J. I. Rodale.	Rodale, J. I. (Jerome Irving), 1898-1971.
162       Sleep and sleep disorders : a neuropsychopharmacological approach / [edited by] Malcolm Lader, Daniel P. Cardinali, S.R. Pandi-Perumal.         163       Sleep and sleeplessness in advanced age / by Rene Spiegel.	Spiegel, René.
164 Sleep and sleeplessness advanced gar RenA© Spiegel	Spiegel, René. Williams, Simon J. (Simon Johnson), 1961-
166 Sleep and the maturing nervous system. Edited by Carmine D. Clemente, Dominick P. Purpura [and] Florence E. Mayer. 167 Sleep and wakefuness.	Kleitman, Nathaniel, 1895-
168 [Sleep agnes : implications in cardiovascular and cerebrovascular disease / edited by T. Douglas Bradley, John S. Floras.	
	World Conserve on Class Annes and Dhanshersthe
171 Sleep apnea and snoring : surgical and non-surgical therapy / [edited by] Michael Friedman.	World Congress on Sleep Apnea and Rhonchopathy (3rd : 1991 : Tokyo, Japan)
171       Sleep apnea and snoring : surgical and non-surgical therapy / Jedited by/ Michael Friedman.         172       Sleep apnea syndrome research focus / Andrew O, Lang, editor.         73       Sleep apnea syndromes / edited by Christian Guilleminault and William C. Dement.	
171       Sleep apnea and snoring: surgical and non-surgical therapy / [edited by] Michael Friedman.         172       Sleep apnea syndromerseant hous / Andrew O. Lang, editor.         173       Sleep apnea syndromerse / edited by Christian Guilleminautt and William C. Dement.         174       Sleep bibliography (serial).         175       Sleep bibliography (serial).         176       Sleep chacteristics how they vary and react to changing conditions in the group and the individual [by] N. Kleitman, F. J. Mullin, N. R. Cooperman [and] S. Titelbaum	
171       Silesp apnea and snoring: surgical and non-surgical therapy / [defided by Michael Friedman.         172       Silesp apneas syndromer search hous / Andrew O. Lang, editor.         173       Silesp apneas syndromer search hous / Andrew O. Lang, editor.         174       Silesp apneas syndromer search hous / Andrew O. Lang, editor.         175       Silesp apneas syndromer search hous / Andrew O. Lang, editor.         176       Silesp characteristics how they vary and react to changing conditions in the group and the individual [by] N. Kleitman, F. J. Mullin, N. R. Cooperman [and] S. Tilelbaum         176       Silesp characteristics how they vary and react to changing conditions in the group and the individual [by] N. Kleitman, F. J. Mullin, N. R. Cooperman [and] S. Tilelbaum	(3rd : 1991 : Tokyo, Japan)
171       Sleep apnea and snoring: surgical and non-surgical therapy / Jedited by Michael Friedman.         172       Sleep apnea syndrome research fous / Andrew O, Lang, editor.         173       Sleep bibliography [genal].         174       Sleep bibliography [genal].         175       Sleep bibliography [genal].         176       Sleep disorders: saisc and clinical research / (fedited by Michael Chase, Elliot D. Weitzman.         176       Sleep disorders: saisc and clinical research / (fedited by Michael Chase, Elliot D. Weitzman.         177       Sleep disorders: cliagnosis and treatment / edited by Robert L. Williams, Ismet Karacan, Constance A. Moore.         177       Sleep disorders: insomnia and narcolepsy / by Henry Kellerman.	(3rd : 1991 : Tokyo, Japan)
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231 Synthesis of the tripeptide L-Trp-L-Ser-L-Glu : comparison of its biological activity with that of the Delta-Sleep-Inducing-Peptide (DSIP) / Vincent M. Monnier.	Monnier, Vincent M. European Meeting on Electroencephalography (15th :
132 The abnormalities of sleep in man. Proceedings of the XVth European meeting on electroencephalography. Bologna, 1967. Edited by H. Gastaut, [and others] 33 The advity to young children during sleep an objective study. by Chester Roy Garvey.	1967 : Bologna, Italy) Garvey, Chester Roy.
134 The art of procuring pleasant dreams / by Benjamin Franklin. 135 The auditory system in sleep / Ricardo A. Velluti.	Franklin, Benjamin, 1706-1790. Velluti, Bicardo A
The auditory threshold in reverie a study of normal and psychopathic individuals / by Marion R. Bartlett.	Bartlett, Marion Rachael.
138 The complete book of sleep : how your nights affect your days / Dianne Hales.	Shepard, John Frederick, b. 1881. Hales, Dianne R., 1950-
39 The complete guide to natural steep [electronic resource] / Dian Dinch Buchman. 24 The complete idiofs guide to getting a good natify's sleep [electronic resource] / by Martin Moore-Ede and Suzanne LeVert.	Buchman, Dian Dincin. Moore-Ede, Martin C.
41 The dreaming brain / J. Allan Hobson. 42 The effectiveness of individualized nursing care in combating insomnia / by Tina Elizabeth Green.	Hobson, J. Allan, 1933- Green, Tina Elizabeth.
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245 The functions of sleep [by] Ernest L. Hartmann.	Hartmann, Ernest, 1934-
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48 The Mind in sleep : psychology and psychophysiology / edited by Steven J. Ellman, John S. Antrobus. 49 The natural way to healthful sleep. With an introd. by Maurice E. Linden.	Kelly, Charles P. (Charles Peck), b. 1874.
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254 The nightmare : the psychology and biology of terrifying dreams / Ernest Hartmann.	Hartmann, Ernest, 1934-
55 The old Dutch burying ground of Sleepy Hollow in North Tarrytown, New York a record of the early gravestones and their inscriptions. 56 The pathophysiology of schizophrenia / Ray 5. Greenberg.	Perry, William Graves, 1883-1975. Greenberg, Ray S., 1926-
157 The philosophy of sleep / by Robert Macnish. 158 The physiologic nature of sleep / [ddited by] Pier Luigi Parmeggiani, Ricardo A. Velluti.	Macnish, Robert, 1802-1837.
159 The promise of sleep : a pioneer in sleep medicine explores the vital connection between health, happiness, and a good night's sleep / William C. Dement and Christopher Vaughan.	Dement, William C., 1928- Espie, Colin A.
60 The psychological treatment of insomnia / Colin A. Espie. 61 The psychology of sleep [by] David Foulkes.	Foulkes, David, 1935-
62 The sleep book, by Shirley Moter Linde and Louis M. Savary. 63 The sleep doxders / Peter Hauri chapter on disorders of excessive somnolence by William C. Orr.	Linde, Shirley Motter. Hauri, Peter.
164 The sleep instinct / Ray Meddis. 165 The sleeping pill / Ernest Hartmann.	Meddis, Ray. Hartmann, Ernest, 1934-
tee The terror that comes in the night : an experience-centered study of supernatural assault traditions / David J. Hufford.	Hufford, David.
167       The timing of sleep and wakefulness : on the substructure and dynamics of the circadian pacemakers underlying the wake-sleep cycle / J. T. Enright.         168       The use and misuse of sleeping pills : a clinical guide / Wallace B. Mendelson.	Enright, J. T. (James Thomas), 1939- Mendelson, Wallace B.
The use and misuse of sleeping pills : a clinical guide to treatment / Wallace B. Mendelson.     To he use of anynopal sound recording in the detection, quantification, and characterization of sleep apnea syndrome / D. Barry Moore.	Mendelson, Wallace B. Moore, D. Barry.
171 Through the night: helping parents and sleepless infants / Dilys Daws. 172 Traité du somnambulisme et des différents modifications qu'il pr©sente / A. Bertrand.	Daws, Dilys. Bertrand, Alexandre-Jacques-François, 1795-1831.
73 Treating sleep disorders : principles and practice of behavioral sleep medicine / edited by Michael L. Perlis, Kenneth L. Lichstein.	
174 Understanding sleep and dreaming / William H. Moorcroft, with assistance from Paula Belcher. 175 Understanding sleeplessness : perspectives on insomnia / David N. Neubauer foreword by Paul R. McHugh.	Moorcroft, William H., 1944- Neubauer, David N., 1951-
76 Variations on Wayne Steep / (Gay Search) photographs by Chris Nash. 77 Vord i zakrepinei informal, (i jai v parti, jai zi cheloveka v overili, i ja estestvennogo sna.	Search, Gay. Blyznychenko, Leonid AndriÄ-ovych.
278 Why aren't you asleep yet? : a beditme ston / by Egon Weck. 279 Why we sleep : the functions of sleep in humans and other mammals / James Home.	Weck, Egon. Horne, James (James A.)
80 Worlds of sleep Lodewijk Brunt/Brigitte Sleger (ed.) 181 You can sleep well the A B C's of restful sleep for the average person.	Jacobson, Edmund, 1888-
82 A clinical guide to sleep disorders in children and adolescents [electronic resource] / Gregory Stores.	Stores, Gregory.
88 Å wolaserst guide to gaterse jelsorders feletorinis resource)/ Meri H. Kryger and proteword by Barbara Phillips. Introduction by Richard Gelula. A wolaserst guide to gaterse jelsorders feletoris resource): Nain Anger Anger Anger and Philips. Introduction by Richard Gelula.	Kryger, Meir H.
88 Awakening and sleep-wake cycle across development [electronic resource] / edited by Plens Satzarulo, Gianulta, Ericca. 88 Erain control of wakefulness and sleep (electronic resource] / Mircea Steriade and Robert W. McCarley.	Steriade, Mircea.
<ol> <li>Clinical pharmacology of sleep [electronic resource] / edited by S.R. Pandi-Perumal and J.M. Monti.</li> <li>Health behaviors of adults : United States, 2002-04 / [by Patricia F. Adams and Charlotte A. Schoenborn].</li> </ol>	Pandi-Perumal, S. R. Adams, Patricia F.
	North Atlantic Treaty Organization. Research and
Individual differences in the adaptability to irregular rest-work rhythms/status of the use of drugs in sleep-wakefulness management = Les diffA@rences entre individus concernant les facultA@s d'adaptation 289 aux rythmes irrA@guliers activitA@-repos : le point sur l'utilisaiton des mA@dicaments pour la gestion des pA@riodes veille-sommeil.	Technology Organization. Human Factors and Medicine Panel. Workshop (1999 : Venice, Italy)
90 Letol Le-Io naš ¥aL. English, "Restless nights [electronic resource]: understanding snoring and sleep agnea 2/ Peretz Lave translated from the Hetrew by Anthony Berris."	Lavie, P. (Peretz), 1949- Sadeh, Avi, 1957-
92 Neuroimmunology of sleep [electronic resource] / S.R. Pandi-Perumal, Daniel P. Cardinalii, Georgios Chrousos. 93 Neuronal substrates of sleep and enlenses. Biefertonic resource] / Microse Stariade	Pandi-Perumal, S. R. Steriade Mircea
393 Neuronal substrates of sleep and epilepsy lelectronic resource] / Mircea Steriade. 494 Serotonin and sleep lelectronic resource] in opeicular, functional and clinical aspects / edited by J.M. Monti [et al.].	Pandi-Perumal, S. R. Steriade, Mircea.
1930 Neuronal substrates of sleep and epilepsy lelectronic resource] / Mircea Steriade. 1949 Serotonin and sleep lelectronic resource]. Inelocular, functional and clinical aspects / edited by J.M. Monti [et al.]. 1945 Steep apnea [electronic resource]. Implications in cardiovascular and cerebrovascular disease / edited by T. Douglas Bradley, John S. Floras. 1946 Steep apnea [electronic resource]. Implications in cardiovascular and cerebrovascular disease / edited by T. Douglas Bradley, John S. Floras. 1946 Steep apnea [electronic resource]. Implications in cardiovascular and cerebrovascular disease / edited by T. Douglas Bradley, John S. Floras. 1946 Steep disorders and neurological disease [electronic resource]. Implications (Cardiovascular and Cerebrovascular disease) / edited by Antonio Culebras. 1945 Steep disorders and neurological disease [electronic resource]. 1945 Steep disorders and neurological disease [electronic	
1930 Neuronal substrates of sleep and epilepsy felectronic resource) / Mircea Steriade. 1943 Serotonin and sleep [electronic resource] : molecular, functional and clinical aspects / edited by J.M. Monti [et al.]. 1953 Sleep aprea [electronic resource] : implications in cardiovascular and cerebrovascular disease / edited by T. Douglas Bradley, John S. Floras. 1959 Sleep aprea [electronic resource] : implications in cardiovascular and cerebrovascular disease / edited by T. Douglas Bradley, John S. Floras. 1959 Sleep advised asset [electronic resource] / edited by Antonic Culebras. 1957 Sleep needs, patterns, and difficulties of adolescents [electronic resource] : summary of a workshop : forum on adolescence / Mary G. Graham, editor. 1958 Soft bedding products and sleep position contribute to infant sufficiation datas [electronic resource] : safety alert. 1953 Soft bedding products and sleep position contribute to infant sufficiation datas [electronic resource] : safety alert. 1953 Soft bedding products and Step position contribute to infant sufficiation datas [electronic resource] : safety alert. 1953 Soft bedding products and Step position contribute to infant sufficiation datas [electronic resource] : safety alert. 1953 Soft bedding products and Step position contribute to infant sufficiation datas [electronic resource] : safety alert. 1954 Soft bedding products and Step position contribute to infant sufficient (Step Product) and Step Position contribute to infant sufficient (Step Position Contribut	
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1930 Neuronal substrates of sleep and epilepsy felectronic resource] / Mircea Steriade. 1949 Serotonin and sleep lectronic resource]. Inelocular, functional and clinical aspects. / edited by J.M. Monti [et al.]. 1959 Steep apread felectronic resource]. Inelocular, functional and clinical aspects. / edited by T. Douglas Bradley, John S. Floras. 1959 Steep apread felectronic resource]. Inelocular, functional and clinical aspects. / edited by T. Douglas Bradley, John S. Floras. 1959 Steep apread felectronic resource]. Inelocular, functional and clinical aspects. / edited by T. Douglas Bradley, John S. Floras. 1959 Steep apread felectronic resource]. / advects and neurological disease felectronic resource]. / summary of a workshop: forum on adolescence / Mary G. Graham, editor. 1959 Steep atterns, and difficulties of adolescents felectronic resource]. / summary of a workshop: forum on adolescence / Mary G. Graham, editor. 1959 Steep atterns and steep position contribute to infant sufficiation deaths felectronic resource]. / supervalent. 1959 Steep atterns and steep felectronic resource]. / supervalent. 1959 Steep atterns and file sufficience is felectronic resource]. / supervalent. 1959 Steep atterns and difficulties of adolescents felectronic resource]. / supervalent. 1959 Steep atterns regarding the diagnosis of sleep apnear Jepared by MetaWorks Inc. Susan D. Ross, project director 1. Elaine Allen, [et al.], investigators. 1959 Steematic review of the literature regarding the diagnosis of sleep apnear Jepared by MetaWorks Inc. Susan D. Ross, Project director. 1950 Steematic review of the literature regarding the diagnosis of sleep apnear Jepared by MetaWorks Inc. Susan D. Ross, Project director. 1951 Steematic review of the literature regarding the diagnosis of sleep apnear Jepared by MetaWorks Inc. Susan D. Ross, EPC 1951 Steematic review of the literature regarding the diagnosis of sleep apnear Jepared by MetaWorks Inc. Susan D. Ross, Inc. Susan D. Ross, Inc. Susan D. Ross, Inc. Susan D. Ross, Inc. Sus	
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FOCUS (Rhinebeck, N.Y.: Online): "FOCUS [electronic resource]: journal for respiratory care & sleep medicine."	-
Journal of sleep research (Online : Synergy);"Journal of sleep research [electronic serial]."	
Journal of sleep research (Online);"Journal of sleep research [electronic resource]." Sleep & breathing (Online);"Sleep & breathing [electronic resource]: international journal of the science and practice of sleep medicine."	
Sleep (New York, N.Y. : Online),"Sleep [electronic resource]."	
Steep [serial]. Steep and biological rhythms (Online),"Steep and biological rhythms [electronic resource]."	
Steep annea [electronic resource]: pathogenesis, diagnosis, and treatment / edited by Allen I. Pack. Steep mechanisms / edited by A. BothAğly and J. Valatz.	
Sleep medicine (Online):"Sleep medicine [electronic resource]." Sleep medicine (Online):"Sleep medicine [electronic serial]."	
Sleep medicine clinics (Online),"Sleep medicine clinics [electronic resource]."	
Steep medicine reviews (Online), "Steep medicine reviews [electronic resource]."	
Samndogie (Online); "Samnologie [efectronic resource]: Schlafforschung und Schlafmedizin = Samndogy: usep research and sleep medicine." Samndogie (Online); "Samnologie [efectronic areini]: Schlafforschung und Schlafmedizin = Samnology: sleep research and sleep medicine."	
Investigations into the mechanism of reduction of ethanol-induced sleep by thyrotropin releasing hormone (TRH) (microfilm) / by Jerry M. Cott. Sleep bulletin (serial).	Cott, Jerry Mason, 1946-
Sleep deprivation: effects upon selective systemic physiological responses / by Charles F. Brown.	Brown, Charles F.
Sleep patterns and introversion-extraversion / by Pamela J. D'Souza. The effect of sleep deprivation on the plasma beta-endorphin levels in female runners during heavy submaximal treadmill running / by JoAnn F. Fafrowicz.	D'Souza, Pamela J. Fafrowicz, JoAnn F.
Dream voyage bideerscording! a presentation of Films for the Humanities, Inc. produced by Goldrest Films and Television producer, writer. Karl Sabbaah. Mites of smiles, years of stuggle (biderocording)? Columbia Historical Society in cooperation with the Smithsonian Institution, Office of Policine Programs. produced and directed by Jack Santino and Pau Mites of smiles.	
Wagner. NIH Consensus Conference: sleep disorders of older people [videorecording] / Robert J. Joynt.	
Sleep apnea [videorecording HSL suppressed] : recognition and management / Barry S. DiCicco.	
Sleep disorders (videorecording) : assessment and management in primary care / Gabriele M. Barthlen, Lauren Broch.	Hypnosis Periodicals.;"Sleep Periodicals.";"Dreams
Steep and hypnosis (Online)*Steep and hypnosis [electronic resource] : an international journal of sleep, dream, and hypnosis." A KWIC index of EEG literature (and society proceedings) / Compiled by Reginal G. Bickford, James L. Jacobson, and David Langworthy.	Periodicals.";"Sleep Disorders Periodicals." Bickford, Reginald G.
A manual for EEG technicians Chapter 11, Nonlaboratory recording with the electroencephalograph, by Frances Potts. With a foreword by Robert S. Schwab. A manual of electroencephalographic technology / C.D. Binnie, A.J. Rowan and Th. Gutter.	Milnarich, Rhoda Feinstein. Binnie, C. D.
A mianua of electroencephalographic technology CLD annie, A.J. Rowart and Int. Guide. A primer of electroencephalographic y Cary D. VanderAk. Rowart and Univ G. Kempe.	VanderArk, Gary D.
Abstracts / editors, H. Lechner, A. Aranibar organized by the Austrian Society of EEG and Clinical Neurophysiology.	European Congress of EEG and Clinical Neurophysiology (2nd : 1979 : Salzburg, Austria)
Applications of electroencephalography in psychiatry a symposium, edited by William P. Wilson. Atlas of adult electroencephalography / Warren T. Blume, Masako Kaibara, G. Bryan Young.	Blume, Warren T. (Warren Thomas)
Atlas of brain mapping : topographic mapping of EEG and evoked potentials / Konrad Maurer, Thomas Dierks.	Maurer, Konrad, 1943-
Atlas of EEG & seizure semiology / Bassel Abou-Khalil, Karl E. Misulis. Atlas of EEG patterns / John M. Stern consulting editor, Jerome Engel Jr.	Abou-Khalil, Bassel. Stern, John M.
Aflas of electroencephalography / Alan Guberman, Madeleine Couture. Aflas of electroencephalography / Alan Guberman, Madeleine Couture.	Guberman, Alan.
Atlas of electroencephalography in coma and cerebral death : EEG at the bedside or in the intensive care unit / Donald R. Bennett [et al.].	Logot Paul
Atlas of electroencephalography in the child / by Paul Laget and Roger Salbreux. Atlas of electroencephalography, by Frederic A. Gibbs and Erna L. Gibbs.	Laget, Paul. Gibbs, Frederic Andrews, 1903-
Atlas of electroencephalography, by Frederic A. Gibbs and Erna L. Gibbs. Atlas of neonatal electroencephalography / Janet E. Stockard-Pope, Sarah S. Werner, Reginald G. Bickford with a contribution by John S. Curran.	Gibbs, Frederic Andrews, 1903- Stockard-Pope, Janet E.
Auas of neonatal relectorencephalography / Sarah S. Werner, Janet E. Stockard, Reginald G. Bickford, Altas of neonatal electorencephalography / Sarah S. Werner, Janet E. Stockard, Reginald G. Bickford, Altas of pediatric electorencephalography / Waren T. Blume, Masako Kaibara.	Werner, Sarah S., 1941-
Atlas of pediatric electroencephalography / Warren T. Blume.	Blume, Warren T. (Warren Thomas) Blume, Warren T. (Warren Thomas)
Atlas of sleep medicine in infants and children / by Stephen H. Sheldon. Susan Riter, Mark Detrojan. Automation of chincal electroencephalography a conference. Participants. R. C. Bickford [and others]. Editors. Peter Kellaway [and] Ingemar Peters&Cn.	
Basic mechanisms of the EEG / St. Zschocke, EJ. Speckmann, editors.	Symposium on Behavior and Brain Electrical Activity
Behavior and brain electrical activity proceedings of the Seventh Annual Symposium on Behavior and Brain Electrical Activity held at the Texas Research Institute of Mental Sciences, Texas Medical Center	r, (7th : 1973 : Texas Research Institute of Mental
Houston, Texas, November 28-30, 1973] / edited by Neil Burch and H. L. Altshuler.	Sciences) Akademii, ii,ja nauk SSSR. Sektor seti
Bibliografiia rabot po lŠelektrolŠentsefalografii, 1875-1963 gg. lŠelektricheskaia aktivnosť golovnogo mozga zhivotnykh i cheloveka v norme. [Otv. red.: A. M. Riabinovskaia] Bibliography of electroencephalography, 1875-1948 / edited by Mary A. B. Brazier.	speĭ, tĭ, jsialÊ'nykh bibliotek.
Biopotentials of cerebral hemispheres in brain tumors. Authorized translation from the Russian by Basil Haigh. With a preface by Percival Bailey.	Bekhtereva, N. P. (NatalɆ, iĭ,ja Petrovna), 1924-
Brain disturbances caused by barbital as detected by electroencephalography. Brain electrical potentials and individual psychological differences / Enoch Callaway.	Callaway, Enoch.
Brain function and mainutrition : neuropsychological methods of assessment / edited by James W. Prescott, Merrill S. Read, David B. Coursin. Brain function and oscillations / Erro BaAYar.	BaÅŸar, Erol.
Brain imaging of nicotine and tobacco smoking / editor, Edward F. Domino copy editor, Antoinette F. Domino. Brain, nerves, muscles, and electricity : my life in science / Wladimir Theodore Liberson compiled and edited by Robert Cohn, Cathryn W. Liberson.	Liberson, W. T., 1904-
Clinical applications of computer analysis of EEG and other neurophysiological signals / edited by F.H. Lopes da Silva, W. Storm van Leeuwen, A. Rĩmond.	
Clinical electroencephalography in epilepsy and related conditions in children. Clinical electroencephalography.	Fois, Alberto.
Clinical electroencephalography. Clinical electroencephalography.	Cohn, Robert. Baumgartner, Christoph, 1959-
Clinical electrophysiology of the somatosensory cortex : a combined study using electrocorticography, scalp-EEG, and magneteencephalography / Christoph Baumgartner. Clinical neurophysiology of infancy, childhood, and adolescence / Gregory L. Holmes, Solomon L. MoshA©, H. Royden Jones, Jr. Collected writings / WT. Liberson. compiled by Cathryn Liberson.	Liberson. W. T., 1904-
Comprehensive clinical neurophysiology / [edited by] Kerry H. Levin, Hans O. LÄ/ders.	
Cortical evoked potentials in man, by Ludovico Bergamini and Bruno Bergamasco. With a foreword by Henri Gastaut. English translation edited by James M. Spraque. Current clinical neurophysiology: update on EEG and evoked potentials / editor, C.E. Henry.	Bergamini, Lodovico.
Current practice of clinical electroencephalography / editors, David D. Dahy, Timothy A. Pedley, Current practice of clinical electroencephalography / editors, Donald W. Klass, David D. Dahy,	
Depth-electrographic stimulation of the human brain and behavior from fourteen years of studies and treatment of Parkinson's disease and mental disorders with implanted electrodes, by C.W. Sem- Jacobsen. With an introd. by David McK. Rioch.	Sem-Jacobsen, C. W.
Diagnosis and management of neonatal seizures / Eli M. Mizrahi, Peter Kellaway.	Mizrahi, Eli M.
Diagnostic electroencephalography [by] Hans Strauss. Mortimer Ostow [and] Louis Greenstein.	Strauss, Hans, b. 1898.
	European Congress of EEG and Clinical
EEG and clinical neurophysiology : proceedings of the 2nd European Congress of EEG and Clinical Neurophysiology, Salzburg, Austria, September 16-19, 1979 / editors, H. Lechner and A. Aranibar. EEG er condition / by ML. Hector	Neurophysiology (2nd : 1979 : Salzburg, Austria)
E G recording / by ML. Hech EE G recording / by ML. Hech EEG and evoked potentials in psychiatry and behavioral neurology / edited by John R. Hughes and William P. Wilson with 9 contributing authors.	Neurophysiology (2nd : 1979 : Salzburg, Austria) Hector, Marie Louise.
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Fundamentals of electroencephalography / Kenneth A. Kooi with an introductory chapter on basic electrical principles by Vefik A. Basman.	Kooi, Kenneth A., 1922-
Fundamentals of electroencephalography / Kenneth A. Kooi, Richard P. Tucker, Robert E. Marshall with an introductory chapter on basic electrical principles by Vefik A. Basman.	Kooi, Kenneth A., 1922-
Goldensohn's EEG interpretation : problems of overreading and underreading / by Eli S. Goldensohn [et al.].	
Handbook of electroencephalography and clinical neurophysiology : index volume / editor, C. Ajmone Marsan.	
Handbook of electroencephalography and clinical neurophysiology [serial] : revised series.	
Handbook of electroencephalography and clinical neurophysiology. Editor-in-chief: Antoine RA@mond.	
Hirnmechanismen und Verhalten elektrophysiologische und Verhaltensuntersuchungen an der Ratte [von] Lothar Pickenhain und Fritz Klingberg.	Pickenhain, Lothar.
Human brainwaves : the psychological significance of the electro-encephalogram / Jacob Empson.	Empson, Jacob, 1944-
maring of the brain in psychiatry and related fields / Korrad Maurer (ed.).	
Infant EEG and event-related potential's / edited by Michelle de Haan.	
man Cool and water balance be manage of manage of manage of manage of manage of management of the second of the se	Sperling, Michael R.
Initial and recurrent explanding by minimation of the neurophysiological basis of adaptive behavior through EEG / Walter J. Freeman.	Freeman, Walter J.
Medical electroencephalography (by) Frederic A. Gibbs (and) Erna L. Gibbs.	Gibbs, Frederic Andrews, 1903-
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Monitoring cerebral function : long-term recordings of cerebral electrical activity / Pamela Prior technical aspects written in collaboration with D. E. Maynard foreword by D. G. McDowall.	Prior, Pamela.
Neocortical dynamics and human EEG rhythms / [edited by] Paul L. Nunez with contributions by Brian A. Cutillo [et al.].	
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Neonatal electroencephalography / Robert R. Clancy, Hee Jung Chung, John P. Temple.	Clancy, Robert R.
Neurological and electroencephalographic correlative studies in infancy / edited by Peter Kellaway and Ingemar Petersen.	World Federation of Neurology.
Neurometric assessment of brain dysfunction in neurological patients / ThalÃ-a Harmony.	Harmony, ThalÃ-a,
Noclumal sleep stereo-electroencephalography and polygraphy in epileptics / Josef Faber, Vilibald Vladyka.	Faber, Josef.
Nonlinear dynamics and brain functioning / defed by N. Pradhan, P.E. Rapp and R. Sreenivasan.	1 4001, 00001.
	Sperling, Michael R.
Pediatric and adult electroencephalography / Michael R. Sperling, Martha J. Morrell.	
Physiological basis of the alpha rhythm / Per Andersen, Sven A. Andersson.	Andersen, Per.
Polysomnography and sleep disorder centers.	
Practical electroencephalography for the anesthesiologist, by Verne L. Brechner, Richard D. Walter [and] John B. Dillon.	Brechner, Verne L.
rinciples of brain functioning : a synergetic approach to brain activity, behavior, and cognition / Hermann Haken.	Haken, H.
Quantitative analytic studies in epilepsy / edited by Peter Kellaway, Ingemar Petersen.	
uantitative EEG, event-related potentials and neurotherapy / Juri D. Kropotov.	Kropotov, ī, lī, jU. D. (ī, lī, jUriÄ- Dmitrievich)
dual native EEG controlated potentials and recording by Fourth Robots.	International Conference on EEG and EMG Dat
varioshi Yamaguchi and Kivoshi Fujisawa.	Processing (1981 : Kanazawa-shi, Japan)
tanyoshi tanaquuni anu tuyushi tujisawa.	International Federation of Societies for
Recommendations for the practice of clinical neurophysiology / made by the International Federation of Societies for Electroencephalography and Clinical Neurophysiology.	Electroencephalography and Clinical Neurophys
	Electroencephalography and clinical Neurophys
Rheoencephalography : a method for the continuous registration of cerebrovascular changes / by Fritz L. Jenkner.	Jenkner, F. L. (Fritz L.), 1923-
	International Symposium on Event-Related Cha
Rhythmic EEG activities and cortical functioning : proceedings of the International Symposium on Event-Related Changes in Cortical Rhythmic ActivitiesBehavioural Correlates, held in Schladming, Austria,	Cortical Rhythmic ActivitiesBehavioral Correlation
September 19-22, 1979 / edited by Gert Pfurtscheller [et al.].	(1979 : Schladming, Austria)
Sleep : a comprehensive handbook / [edited by] Teofilo Lee-Chiong.	
Spehlmann's FEG primer / Bruce J. Fisch	Fisch Bruce J
Synopsis of electroencephalography or, Guide to brain waves [by] Thomas C. Barnes.	Barnes, Thomas C.
	European Meeting on Electroencephalography
The abnormalities of sleep in man. Proceedings of the XVth European meeting on electroencephalography. Bologna, 1967. Edited by H. Gastaut, [and others]	
The abnormanities of steep in main. Proceedings of the XVIII European meeting on electroencephalography. Bologna, 1967. Edited by H. Gastaut, (and others)	1967 : Bologna, Italy)
The alpha syllabus a handbook of human EEG alpha activity. Edited by Barbara B. Brown and Jay W. Klug.	Brown, Barbara B.
The clinical neurophysiology of epilepsy : a survey of current research / by B. Joe Wilder.	Wilder, B. J. (Buna Joe), 1929-
The clinical neurophysiology primer / edited by Andrew S. Blum, Seward B. Rutkove.	
The EEG handbook / Frances M. Dyro.	Dyro, Frances M.
The electroencephalogram : its patterns and origins / John S. Barlow.	Barlow, John S., 1925-
The electroencephalogram of the normal child translated and edited by Niels L. Low. With preface by Angelo Chiefli and Frederic A. Gibbs.	Fois, Alberto.
The electrophysiology of intellectual functions / Duilio Giannitrapani with a contribution by W.T. Liberson.	Giannitrapani, Duilio.
The relationships between electroencephalographic and psychological data in normal adults.	Werre, Peter Frans,
The responsive brain : the proceedings of the Third International Congress on Event-related Slow Potentials of the Brain, Bristol, England, 13-18 August, 1973 / edited by W. Cheyne McCallum and John R.	International Congress on Event-related Slow
no responsive praint, the proceedings of the trink international congress on Event elaked blow rotentials of the brain, bristor, England, 1919 Edited by W. Orleyne we callunt and contribution (not).	Potentials of the Brain (3rd : 1973 : Bristol, Engl
	i otomiaio ol ule bialit (olu : 1975 : BIIStol, Eligi
Topographic brain mapping of EEG and evoked potentials / K. Maurer (ed.), foreword by F.H. Duffy.	Coatt Decold F
Inderstanding EEG : an introduction to electroencephalography / Donald Scott.	Scott, Donald F.
Serebral monitoring in the OR and ICU [electronic resource] / edited by Enno Freye.	Freye, E. (Enno)
landbook of brain connectivity [electronic resource] / Viktor K. Jirsa, A.R. McIntosh (eds.).	
merican journal of EEG technology [serial].	
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#### NORTH CAROLINA COMMUNITY COLLEGE SYSTEM

#### June 3, 2010

R. SCOTT RALES, Ph.D. PRESIDENT

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Dr. Mitchell L. Cordova, Professor and Chair Department of Kinesiology University of North Carolina Charlotte 9201 University City Boulevard Charlotte, North Carolina 28223

Dear Dr. Cordova:

I am pleased to write a letter of support for the Neurodiagnostics and Sleep Technology baccalaureate program at the University of North Carolina at Charlotte.

This program will offer a pathway for our graduates in Polysonmography and Electroneurodiaguostic Technology to further their education and obtain their baccalaureate. In addition, it will assist us in the recruitment of qualified Polysomnography and Electroneurodiagnosite Technology faculty for our colleges.

I am pleased on behalf of the North Carolina Community College System to support the establishment of this new program in the Department of Kinesiology.

With kindest regards, I am

Sincerely, R. Scott Ralls

#### RSR/rb

c: Ms. Mary Ellen Wells Mr. Kennon Briggs Dr. Sharon E. Morrissey Dr. Judith C. Mann Ms. Rence Batts



Sandra G. Mathis, BA, RPSGT, RLVT Clinical Coordinator Mailing Address: PO Drawer 7007 Greenville, North Carolina 27835 Shipping Address: 1986 Pitt Tech Road Winterville, North Carolina 28590 Telephone: 252.493.7523 Fax: 252.321.4451 Email: smathis@email.pittcc.edu www.pittcc.edu

January 5, 2009

Mary Ellen Wells, MS, R.EEG T, R.NCS T. Clinical Assistant Professor Department of Allied Health Sciences UNC School of Medicine CB #7120 Chapel Hill, NC 27599

Dear Ms. Wells,

I would like to express my support for the Neurodiagnostics and Sleep Science Baccalaureate degree program at the University of North Carolina, Chapel Hill. The program as I understand it, will advance the profession of Polysomnography by building the knowledge and skills which are critical to that practice. In addition, the program will give our students in the community college system the opportunity to obtain a degree beyond that of the Associates in Applied Science.

Additionally, there are many Registered Polysomnographic Technologists who would like to have the opportunity to advance their knowledge and skills. This educational opportunity would empower and enlighten them to provide an increased excellence in patient care and facility management.

This is a unique opportunity for the educational system in North Carolina to reach a level of excellence in this health profession. The program will advance the profession of polysomnography, not only in North Carolina, but around the world. As an educator, I believe the implementation of this program will produce graduates who can be involved in the educational arena, whether that be in the college system, or in hospitals or free-standing sleep laboratories.

I am looking forward to the success of your proposed program, and would be honored to assist you in any capacity you may deem beneficial.

Sincerely,

Sandra G. Mathis, BA, AAS, RPSGT, RLVT Polysomnography Clinical Coordinator, Pitt Community College



September 17, 2008

To Whom It May Concern:

As a sleep professional and an educator, I highly recommend the approval of the Neurodiagnostics and Sleep Science baccalaureate degree program at the University of North Carolina in Chapel Hill, North Carolina. The implementation of this program will produce highly educated and qualified graduates to fill the faculty vacancies in this arena for the community college system, along with the vacancies that exist in the bospitals and freestanding labs across the state.

This is an outstanding opportunity for the educational system in North Carolina to excel in this bealth profession. The University of North Carolina is a leader in many fields and will be setting the highest standards possible by providing pathways in this profession that currently do not exist anywhere else. I am very committed to the success of this program and its graduates.

Once again, the approval of this baccalaureate degree in Neurodiagnostics and Sleep Science would be a wonderful educational asset not just to our state, but also to others across the country.

Sincerely,

Karen Monardy Ka

Karen Monarchy Rowe, BS, AAS, RPSGT Polysomnography Program Head/Instructor, Lenoir Community College



PO Box 185 · Grantsboro, N.C. 28529-0185

October 8, 2008

Ms. Mary Ellen Wells, MS, R.EEG T, R.NCS T. Clinical Assistant Professor/Program Director Dept. of Allied Health Sciences UNC School of Medicine The University of North Carolina at Chapel Hill, CB#7120 Chapel Hill, NC 27599

Dear Ms. Wells,

We at Pamlico Community College are very excited about the opportunity to be a part of the expansion and growth of the Neurodiagnostics field, and the development of the new BS degree in Neurodiagnostics and Sleep Sciences at UNC. This is definitely a growing field of study with new emerging opportunities for research and service for people suffering from sleep disorders.

We at Pamlico Community College realize first hand, the importance of having quality instructors for our EDT Program. Technicians coming straight from the field into the classroom lack some of the teaching and classroom management techniques that could make them much more effective. A BS degree focused to take the well-trained technician to the next level as instructor is very progressive and insightful. Although we are one of only a few colleges in the country with a nationally-accredited EDT program, we see the interest emerging at other institutions, and the demand for well-prepared technicians and instructors in this field is growing.

We are very supportive of your establishing a BS Degree in this field of study which will help assure that qualified instructors are available to meet the growing requirements for Associate Degree credentialing in the field. We also look forward to future discussions of our establishing a two-plus-two agreement with you where we provide the first two years of EDT instruction at Pamlico, and the student can complete the last two years of a four year degree with UNC.

We are here to help you in any way we can, and appreciate the opportunity to work with you as you develop your BS degree program in Neurodiagnostics and sleep Sciences.

Sincerely,

F/Marion Altman, Jr., EdD. President Pamlico Community College

hill N 

David T. DeRemer BS RRT, RCP, RPSGT Polysomnography Program Coordinator-Instructor Sandhills Community College 3395 Airport Rd. Pinehurst, NC 28374 October 8, 2008

UNC School of Medicine Department of Allied Health Sciences The University of North Carolina at Chapel Hill Chapel Hill, NC 27559-7120

Dear Mary Ellen Wells:

I am the Polysomnography Program Director at Sandhills Community College, I am writing to express my full support for the Neurodiagnostic and Sleep Science Program you are developing.

There is an ever increasing need for higher education in the field polysomnography and sleep. With current changes to guidelines and accreditation standards by the American Academy of Sleep Medicine, it is clear that programs such as this are necessary and viable. This program will help increase the number of possible educators and future leaders in our field.

Students attending the Associate Degree Polysomnography Technology program here at Sandhills Community College are very excited about this opportunity to further educate themselves in their chosen field of study and future careers.

I urge you to move forward on the decision to develop this program, and strongly encourage those with the deciding power to approve this program so it may become a reality.

Sincerely,

ange

David T. DeRemer BS RRT, RCP, RPSGT



1 November 2008

Mary Ellen Wells, MS, R. EEG T., R. NCS T. Clinical Assistant Professor, Program Director Neurodiagnostics and Sleep Science Dept of Allied Health Sciences UNC School of Medicine The University of North Carolina at Chapel Hill, CB#7120 Chapel Hill, NC 27599

Dear Mary Ellen,

The American Society of Electroneurodiagnostic Technologists and the ASET Bachelor's Degree Task Force sends our congratulations and support to your Bachelor's degree program in Neurodiagnostics and Sleep Science. The ASET Bachelor's Degree Task Force has been working this last year to develop ways to assist in the development of Bachelor's degree programs across the country. We are pleased to learn of the planning for a Bachelor's degree program in Neurodiagnostics and Sleep Science at the University of North Carolina at Chapel Hill.

As the field of electroneurodiagnostics grows it has become increasingly difficult to include all the specialties of Electroneurodiagnostics into a two-year curriculum especially including the many applications of neuromonitoring in surgery. A Bachelor's degree is landmark for the preparation of electroneurodiagnostic technologists in their field. It also brings forth future leaders who are educated and prepared to be the decision makers in the health care industry.

Staff positions in electroneurodiagnostic technology remain vacant for months and years. Our field will greatly benefit from your graduates. The ASET office receives many calls from employers with job vacancies they wish to fill. There is an undersupply of qualified and credentialed END professionals to fill these employment opportunities. Sadly, job positions are oftentimes filled with under-qualified individuals who less than prepared to provide quality care to neurologically ill patients. We look forward to a future when the supply of graduates from both Associate's and Bachelor's degree programs will meet the demand in electroneurodiagnostics.

Congratulations to you for your quantum leap forward for the field of Electroneurodiagnostic Technology. Please contact ASET because we are your program resource.

On behalf of the ASET Bachelor's Degree Task Force with sincerest and best regards,

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Elizabeth Mullikin, R.EEG/EP T., CNIM, MPA, MA, MNM ASET President

> American Society of Electroneurodiagnostic Technologists, inc. 6501 East Commerce Avenue, Suite 120, Kansas City, MO 64120 816.931.1120 phone • 816.931.1145 fax • www.aset.org • info@aset.org



10/07/08

To Whom It May Concern:

I am writing in support of the Neurodiagnostics and Sleep Science Baccalaureate degree program. North Carolina is currently in shortage of qualified faculty to teach associate degree programs and to uphold leadership roles withnin the discipline. Our state is currently tied in the nation for the greatest number of Polysomnography associate degree programs in the nation but we are still unable to produce enough graduates to fulfill the current need. These associate degree programs must employ qualified faculty to maintain accreditation. This new degree will offer the advanced education for graduates to fulfill the educational and leadership roles in the North Carolina Community College System.

Our understanding of sleep disorders and sleep medicine has greatly expanded our knowledge of te implications these disorders have on our everyday lives. Sleep disorders are now tied with cardiovascular risk, industrial and motor vehicle accidents and gernal productivity and mood. We undersand the importance of high quality work and the need to have qualified trainers to produce these individuals.

I believe that this new program will produce graduates that will fill key leadership and educational roles in our state. I am sure this program will serve as a national model for other programs of its type throughout the world.

Sincerely.

Bradley V. Vaughn, MD Professor and Vice Chairman Director of Sleep and Epilepsy Department of Neurology University of North Carolina



### **Council for Allied Health** in North Carolina

Chair:

Karen Luken, Chair NC Office on Disability and Health CB #8185, UNC-CH FPG Child Development Institute Chapel Hill, NC 27599-8185 kluken@email.unc.edu 919-966-0881

Executive Director: Alisa E. Debnam, M.P.H. CB #7302, 4101 Bondurant Hall 321 South Columbia Street Chapel Hill, NC 27599-7302 alisa\_debnam@med.unc.edu 919-636-8160

#### Allied Health Associations:

American Massage Therapy Association-NC American Soc. of Phlebotomy Technicians Art Therapy Association of NC Carolinas Chapter of the American Horticultural Therapy Association

- Music Therapy Association of NC
- NC Academy of Physician Assistants NC Association of Blood Bankers
- NC Assoc. of EMS Administrators
- NC Dental Assistants Association
- NC Dental Hygiene Association
- NC Dietetic Association
- NC Health Information Management Assoc. NC Nuclear Medicine Technologist, Inc.
- NC Occupational Therapy Association
- NC Physical Therapy Association
- NC Recreational Therapy Association
- NC Society for Clinical Laboratory Science
- NC Society of Cytology
- NC Society of Histopathology Technologists NC Society of Medical Assistants
- NC Society of Radiologic Technologists
- NC Society for Respiratory Care
- NC Speech, Hearing and Language Assoc.
- NC State Assoc. of Surgical Technologists
- NC State Soc. of Am. Medical Technologists NC Ultrasound Society

- Educational Organizations: NC Area Health Education Centers
- (AHEC) Program
- NC Independent Colleges and Universities
- NC Health Careers Access Programs NC State Education Assistance Authority
- NC Community College System
- University of North Carolina System

#### Employers:

- NC Association for Home Care and Hospice NC Department of Health & Human Services
- Division of Public Health
- Office of Rural Health & Community Care Division of Mental Health, DD and
- Substance Abuse Services NC Department of Public Instruction
- NC Health Care Facilities Association
- NC Hospital Association
- NC Assoc. of Health Care Recruiters

#### Staff:

Skip Ryan, Assistant to Exec. Director CB# 7335, Suite 1105 Bondurant Hall 321 South Columbia Street Chapel Hill, NC 27599-7335 mirvan@med.unc.edu Phone: 919-966-8566; Fax: 919-843-3250 November 18, 2008

Mary Ellen Wells The University of North Carolina at Chapel Hill Department of Allied Health Sciences CB#7120, 4102 Bondurant Hall 321 South Columbia Street Chapel Hill, North Carolina, 27599-7120

Dear Mrs. Wells:

This letter is written to express support for the need of well-trained individuals across North Carolina for Neurodiagnostics & Sleep Science.

The Council for Allied Health in North Carolina represents more than 21,000 allied health professionals form 26 professions. In addition to providing a venue for sharing and distributing information among the various allied health professions, the Council works with the SHEPS Center for Health Services Research to produce a regular set of allied health workforce vacancy studies. Based on the research, sleep technologists are among the most critically needed professionals in health care. According to the American Association of Sleep Medicine (AASM), more than 70 million people in our nation have sleep disorders, most of which are unaware of it.

While a number of new programs at Community Colleges have been started over the past years, significant shortages continue to plaque our state. North Carolina currently has 27 accredited sleep labs. Even with this number, patients wait up to three months to have a sleep study conducted. Moreover, Community Colleges need faculty to prepare additional polysomnography technicians. Thus the need for a four-year program to develop faculty. UNC-Chapel Hill is currently working to develop such a program.

The Council for Allied Health in North Carolina fully supports this initiative. The development of such a program would greatly benefit the state. We applaud these efforts and stand ready to assist if needed.

Sincerely,

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Alisa E Debnam, M.P.H Executive Director



North Carolina Association of Sleep Technologists P.O. Box 80726 Raleigh, NC 27623 www.ncastsleep.org

Mary Ellen Wells, MS, R.EEG T, R.NCS T. Clinical Assistant Professor Department of Allied Health Sciences UNC School of Medicine CB #7120 Chapel Hill, NC 27599 October 28, 2008

Dear Mrs. Wells,

The North Carolina Association of Sleep Technologists would like to express our strong support for the Neurodiagnostics and Sleep Science baccalaureate degree program at the University of North Carolina, Chapel Hill. This program will produce highly qualified individuals to fill the shortage of Sleep and Neurodiagnostic Technologist in laboratories, and Instructors for the Community Colleges and training programs throughout the State of North Carolina. We recognize that the University of North Carolina sets the highest academic standards and constantly strives for excellence.

Your program advances our profession to a higher level by offering an opportunity to build the knowledge and skills that are essential to the practice of Polysomnography, and most importantly, to delivering the highest level of patient care possible. The North Carolina Association of Sleep Technologists was created to promote excellence in sleep medicine health care, education and research, advocate for recognition of sleep disorders and provide an exchange of sleep information to all sleep professionals in the State of North Carolina.

I believe that we share common goals and look forward to the successful implementation of this program. We are committed to act as a resource and offer to assist you and your program in any way possible.

Sincerely,

W. (Mdm)

Will Underwood, RPSGT President, North Carolina Association of Sleep Technologists contact@ncastsleep.org



# Clinical Neurophysiology Labs Sleep Disorders Center

May 26, 2010

Mitchell L. Cordova Professor and Chairperson Department of Kinesiology The University of North Carolina at Charlotte 9201 University City Blvd. Charlotte, NC 28223

Dear Dr. Cordova:

The University of North Carolina (UNC) Hospitals is in support of the Neurodiagnostics and Sleep Science (NDSS) baccalaureate program being proposed at the University of North Carolina at Charlotte and in collaboration with the University of North Carolina at Chapel Hill. Upon request by the NDSS program once the degree program is established we will initiate a student contract between the program and UNC Hospitals Clinical Neurophysiology Labs and Sleep Disorders Center and providing that all criteria is met than UNC Hospitals is willing to provide clinical instruction in its Clinical Neurophysiology Laboratory and Sleep Disorders Center according to the current plan of study of the NDSS program at The University of North Carolina at Charlotte.

Please do not hesitate to call if you have any questions or concerns.

Sincerely Qu)

Kyle K. Kalkowski Director Clinical Neurophysiology Labs UNC Hospitals Chapel Hill, NC 27514 (919) 966-1686

From:Coyle, JoeSent:Wednesday, April 06, 2011 2:43 PMTo:Cordova, MitchSubject:NDSS Program

Dear Dr. Cordova,

The BSRT Program within the Department of Kinesiology at UNC Charlotte is completely supportive of the development of the NDSS program here that will be in collaboration with the School of Medicine at UNC Chapel Hill. The NDSS Program will complement our program well and provide additional opportunities for our Respiratory Therapy students. Our ultimate goals is to provide tracks for students to broaden their opportunities; the NDSS is a first strong step in that direction.

There are a number of courses that we currently offer that may be beneficial for the NDSS student. Such examples include: RESP 4102 Program Administration and RESP 4103 Evidence-based Practice of Respiratory Care. I am in favor of cross listing these course with NDSS as well as exploring future options for cross listing courses in the NDSS program to the current Respiratory Therapy curriculum.

Thanks for your efforts to develop this collaboration between both programs.

Joseph P. Coyle, MD Interim Program Coordinator – Respiratory Therapy Department of Kinesiology UNC Charlotte



April 7, 2011

Dr. Mitch Cordova, PhD Chair, Department of Kinesiology College of Health and Human Services 9201 University City Boulevard Charlotte, NC 28223

Dear Dr. Cordova:

I write to support the Department of Kinesiology's decision to offer a new degree program entitled, Neurodiagnostics and Sleep Science. I understand from our previous communication that this program is being established similarly to your current respiratory therapy degree program. The School of Nursing will support your new degree program by continuing to offer NURN 4201 (Information Technology: Application in Health Care). This course taught by Professor Susan Lynch for students in the Respiratory Program has been well-received, with positive student evaluations. The course covers broad topics in health care that could benefit all students within the College of Health and Human Services.

In summary, I highly support the offering of a Neurodiagnostics and Sleep Science degree program in the Department of Kinesiology. I wish you much success in this new program development. Please let me know if I can further assist you and your faculty regarding this matter. I can be reached using the contact information listed below.

Sincerely,

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Dee Baldwin, PhD, RN, FAAN Associate Dean/Director, School of Nursing 9201 University City Boulevard Charlotte, NC 28269 <u>dbaldwi5@uncc.edu</u> 704-687-7952 (t) 704-687-6071 (f)



#### School of Nursing

9201 University City Blvd, Charlotte, NC 28223-0001 T704/687.7952 www.nursing.uncc.edu

April 6, 2011

Dear Dr. Cordova,

I would like to offer my support for your proposal to include NURN 4201 Information Technology: Application in Healthcare in the Health Diagnostic and Sleep Science Major. As the RN BSN coordinator and instructor for NURN 4201, the course is designed to meet the needs of multiple disciplines in the healthcare field. I feel the course will address the unique perspective of information technology advances in the delivery of care to clients in various settings and will meet the needs for the major.

Sincerely,

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Susan Lynch, MSN, RN, CNE RN BSN Coordinator School of Nursing UNC Charlotte

The School of Nursing is accredited by the Commission on Collegiate Nursing Education (CCNE)

An Equal Opportunity/Affirmative Action Employer

**Course Number and Title:** NDSS 3101: Pathophysiology of Sleep, Neurological, and Related Disorders

Credits, Days/Time, Location: 3 Credits; distance education

Faculty Information: Mary Ellen Wells UNC Chapel Hill, Bondurant Hall, CB #7120 Phone: 919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** Students will learn about diseases affecting the nervous system, the sleep/wake cycle, and psychiatric and behavioral disorders. Topics include etiology, clinical manifestations, pharmacology, disease prevention, and overview of treatments. Prerequisite: Admittance into NDSS program.

Course Objectives: Upon completion of this course, students will

- Define and differentiate diseases and disorders affecting the sleep/wake cycle, the nervous system, and psychiatric and psychological disorders
- Explain clinical correlation principles and identify clinical manifestations
- Define disease prevention techniques and treatment options

# **Course Policies:**

- 1. Participation and attendance are critical for success in this course. You must expect to spend a significant amount of time outside of regular scheduled class hours to complete this course.
- 2. All e-mails sent to the instructor must be in the format "NDSS course number *your name*".
- 3. There is a great deal of information to cover and the course moves at a fairly fast pace. Missed exams and quizzes cannot be made up and will result in a zero unless an approved written or typed request is given to the instructor in advance.
- 4. Late work is not accepted, except in extreme circumstances and must be approved by the instructor. Do not procrastinate because of possible technical problems. If you cannot keep up with the course, you should drop before the official withdrawal date.
- 5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

**Required Texts:** Principles and Practice of Sleep Medicine (ebook through Health Science Library library) Principles and Practice of Pediatric Sleep Medicine (ebook through Health Science Library) Netters Neurology (ebook through Health Science Library) Other readings will be provided

### **Evaluation Methods:**

11 Quizzes (22 points) 11 Assignments (33 points) Participation (11 points) Group project (9 points) <u>4 Module exams (25 points)</u> Total (100 points) = 100% **Grade Scale:** 

A = 91-100%B = 81 - 90% C = 71 - 80% D = 61 - 70% F = 60 and below

# **Topical/Unit Outline:**

- Nervous system development
- International Classification of Sleep Disorders
  - o Insomnias
  - Sleep Related Breathing Disorders
  - Hypersomnias of Central Origin Not Due to a Circadian Rhythm Sleep Disorder, Sleep Related Breathing Disorder, or Other Cause of Disturbed Nocturnal Sleep
  - o Circadian Rhythm Sleep Disorders
  - o Parasomnias
  - Sleep Related Movement Disorders
  - $\circ$   $\,$  Isolated Symptoms, Apparently Normal Variants, and Unresolved Issues  $\,$
  - Other Sleep Disorders
- Pediatric sleep Pathophysiology
  - o Circadian rhythm disorders
  - Disorders of initiating and maintaining sleep
  - o Attention deficit
  - Hyperactivity
  - Narcolepsy
  - Idiopathic hypersomnia
  - o Post-traumatic hypersomnia
  - o Klein-Levin syndrome and recurrent hypersomnias

- o Enuresis
- o Sleep-related breathing disorders
- o Parasomnias
- Disorders of and affecting the nervous system
  - Seizure classifications
  - Epilepsy
  - Congenital and developmental malfunctions
  - o Movement disorders
  - Pain disorders
  - Neuromuscular disorders
  - Toxic and metabolic diseases
  - Nutritional disorders
  - o Tumors
  - o Dementias
- Psychiatric and Behavioral disorders
  - Schizophrenia and psychotic disorders
  - Depression and mood disorders
  - Anxiety disorders
  - Psychological disorders
  - Somatoform disorders
  - o Dissociative disorders
  - Personality disorders
  - o Seasonal affective disorder
  - o Substance abuse disorders
  - Eating disorders

# UNIVERSITY, COLLEGE AND DEPARTMENTAL POLICIES

### **University Policies:**

### **Code of Student Responsibility:**

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### Academic Integrity:

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**Special Needs:** If you have a documented disability and require accommodation in this course, contact Disability Services, Fretwell 230, phone: 687 4355 voice/TDD) the first week of the semester. Information about available services may be found at <u>http://www.uncc.edu/disability-services</u>. Accommodations for learning will be arranged by that office and communicated to the Instructor. If you speak English as a second language, please inform the instructor.

### **Diversity Statement:**

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### <u>Religious Accommodation</u>: (*pending final approval and wording*.) <u>http://legal.uncc.edu/policies/ps-134.html</u>

**Clinical Policy:** Clinical attendance is required in order to meet clinical objectives. All clinical absences must be made up. Frequent absences may result in withdrawal from the course, which is done at the discretion of the instructor. Tardy is defined as leaving early or arriving late for a clinical rotation. Three tardies count as an absence and must be made up.

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Please reference the NDSS website for the most current information on clinical rotations and policies.

**Disaster Statement:** Check UNC Charlotte and UNC Chapel Hill's website for alerts regarding closures of the Universities. Additionally, all course materials will be available through your Moodle course site.

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**Course Number and Title:** NDSS 3102: Neurological and Sleep Diagnostic and Therapeutic Methods, and Monitoring Services

Credits, Days/Time, Location: 3 Credits; distance education

Faculty Information: Mary Ellen Wells UNC Chapel Hill, Bondurant Hall, CB #7120 Phone: 919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** Students will learn about services available at sleep and neurophysiology laboratories and interpretation of diagnostic findings. Topics include sleep procedures, electroencephalography, and intracranial/long-term epilepsy monitoring. Students participate in laboratory practice sessions. Prerequisite: Admittance into NDSS program.

Course Objectives: Upon completion of this course, students will

- Define principles of optimal advanced procedures in sleep science, electroencephalography (EEG), and long term epilepsy monitoring.
- Communicate effectively with other professionals about advanced clinical procedures and current practices in neurodiagnostics and sleep science
- Explore various forms of assessment and treatments related to specific sleep disorder and neurophysiologic diagnoses.
- Explain the underlying theories and models supporting current neurodiagnostic and sleep science procedures.
- Demonstrate optimal techniques for performing advanced neurodiagnostic and sleep science procedures using Web based case studies
- Manipulate and correctly utilize diagnostic and therapeutic equipment and devices in a simulated environment for optimal care of patients with sleep disorders, encephalopathies, seizure disorders, epilepsies, and other neurological disorders.

# **Course Policies:**

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- 4. Late work is not accepted, except in extreme circumstances and must be approved by the instructor. Do not procrastinate because of possible technical problems. If you cannot keep up with the course, you should drop before the official withdrawal date.
- 5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

**Required Texts:** Current Practice of Clinical Electroencephalography by Ebersole and Pedley, 3<sup>rd</sup> Edition. ISBN-10: 0-7817-1694-2

Principles and Practice of Sleep Medicine (ebook through UNC Health Science Library) Principles and Practice of Pediatric Sleep Medicine (ebook through Health Science Library) Web camera/microphone and high speed Internet connection Computer or camera capable of recording short video

# **Evaluation Methods:**

11 Quizzes (22 points) 11 Assignments (33 points) Participation (11 points) Group project (9 points) <u>4 Module exams (25 points)</u> Total (100 points) = 100% **Grade Scale:** 

A = 91-100% B = 81 - 90% C = 71 - 80% D = 61 - 70%F = 60 and below

# **Topical/Unit Outline:**

Module 1 – Electroencephalography (5 weeks)

- Intro to course
- Cortical generators and propagation
- Electrical fields and recording techniques
- Activation methodology
- Identification, reduction/elimination, and monitoring of artifacts
- Evaluating patterns and variants
- Seizure case studies
- Slowing and drug effects

- Electrocerebral inactivity, coma, and periodic patterns
- Encephalopathy case studies
- Focal abnormality case study
- Slowing case study
- Coma and cerebral death case study
- Neonatal and pediatric EEG
- Current issues and trends in EEG
- Electricity and safety considerations
- Effective communication

Module 2 – Sleep Procedures (5 weeks)

- Polysomnography
- Multiple sleep latency test
- Maintenance of wakefulness test
- Specialized sleep and sleepiness evaluation procedures
- Cardiopulmonary assessment and monitoring
- Neurological disorders in sleep
- Determination of the effectiveness of treatment for sleep disorders
- Current issues and trends in sleep science
- Quality assurance
- Polysomnography case studies (laboratory)

Module 3 - Long Term Monitoring, Ambulatory EEG, Intracranial Monitoring, Continuous EEG in the ICU, Quantitative EEG (5 weeks)

- Ambulatory EEG
- Long term epilepsy monitoring
- Intracranial Monitoring
- Continuous EEG in the ICU
- Quantitative EEG
- Case studies (laboratory)

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**Special Needs:** If you have a documented disability and require accommodation in this course, contact Disability Services, Fretwell 230, phone: 687 4355 voice/TDD) the first week of the semester. Information about available services may be found at <u>http://www.uncc.edu/disability-services</u>. Accommodations for learning will be arranged by that office and communicated to the Instructor. If you speak English as a second language, please inform the instructor.

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**Course Number and Title:** NDSS 3104: Advanced Sleep and Neurodiagnostic Clinical Procedures

Credits, Days/Time, Location: 3 Credits; distance education

Faculty Information: Mary Ellen Wells UNC Chapel Hill, Bondurant Hall, CB #7120 Phone: 919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** Students will learn advanced procedures performed in sleep centers and neurophysiology laboratories. Topics include nerve conduction velocities, electronystagmography, actigraphy, and autonomic testing techniques. Students participate in laboratory practice sessions. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3101 and NDSS 3102.

Course Objectives: Upon completion of this course, students will

- Define principles of performing optimal nerve conduction velocities (NCV), electronystagmography (ENG), actigraphy, and autonomic testing techniques
- Demonstrate proper patient assessment techniques
- Explain equipment verification, maintenance, and troubleshooting techniques for NCV, ENG, and autonomic testing equipment and actigraphy devices
- Identify implications of nocturnal ventilator support for patients with breathing disorders
- Describe methodology and implications of evidence based practice
- Perform optimal NCV, ENG, and autonomic testing procedures including patient preparation, correct utilization, maintenance, and troubleshooting of equipment, data acquisition, and reporting
- Verify data acquisition and apply corrective measures for optimal recording.
- Explain alternative therapeutic techniques and current trends in the diagnosis and treatment of sleep disorders
- Describe actigraphy and its uses in the diagnosis and treatment of sleep related disorders

# **Course Policies:**

- 1. Participation and attendance are critical for success in this course. You must expect to spend a significant amount of time outside of regular scheduled class hours to complete this course.
- 2. All e-mails sent to the instructor must be in the format "NDSS course number *your name*".

- 3. There is a great deal of information to cover and the course moves at a fairly fast pace. Missed exams and quizzes cannot be made up and will result in a zero unless an approved written or typed request is given to the instructor in advance.
- 4. Late work is not accepted, except in extreme circumstances and must be approved by the instructor. Do not procrastinate because of possible technical problems. If you cannot keep up with the course, you should drop before the official withdrawal date.
- 5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

**Required Texts:** Web camera/microphone and high speed Internet connection Computer or camera capable of recording short video Readings will be provided by your instructor

# **Evaluation Methods:**

11 Quizzes (22 points) 11 Assignments (33 points) Participation (11 points) Group project (9 points) <u>4 Module exams (25 points)</u> Total (100 points) = 100% **Grade Scale:** 

A = 91-100% B = 81 - 90% C = 71 - 80% D = 61 - 70%F = 60 and below

# **Topical/Unit Outline:**

- Patient assessment
  - $\circ$  Communication
  - History
  - Vital signs
  - Symptomatology
  - Physical exam
  - o Mini Mental Status Exam and other assessment techniques
  - Exhibiting professionalism
- Actigraphy

- Clinical applications
- Methodology and techniques
- o Monitoring trends and data analysis
- Suggested Immobilation Test
- Gastrointestinal monitoring
  - Instrument performance verification
  - Optimal recording strategies based on patient status
  - Nocturnal gastroesophageal reflux underlying sleep disorders (case study)
- Chronobiologic monitoring
  - Instrument performance verification
  - Optimal recording strategies based on patient status
  - Biologic and behavioral aspects of circadian rhythms (case study)
- Ventilator support for patients with breathing disorders
- Portable monitoring for sleep related disorders
- Auto-titration for treatment of sleep related breathing disorders
- Alternative therapeutic techniques for sleep related disorders
- Autonomic testing
  - o Quantitative Sudomotor Axon Reflex Testing (QSART)
  - Cardiovascular response testing
  - Quantitative Sensory Testing (QST)
  - Equipment verification and maintenance
  - Procedure reliability evaluation
  - Troubleshooting
  - Case studies
- Nerve conduction velocity
  - Upper extremity studies
  - Lower extremity studies
  - Facial studies
  - Reflex studies
  - Uncommon studies and anatomical variants
  - Equipment verification and maintenance
  - Procedure reliability evaluation
  - Troubleshooting
  - o Case Studies
- Electronystagmography
- Intracarotid amobarbital procedure (WADA test)
- Special considerations for physiologic monitoring in infants, children, and the elderly
- Evidence based practice
- Current issues and trends in neurodiagnostics and sleep science

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### **Diversity Statement:**

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# Course Number and Title: NDSS 3405: Practicum

**Credits, Days/Time, Location**: 3 Credits; M-F 8am-5pm; UNC Hospitals or other approved facility

Faculty Information:Mary Ellen WellsUNC Chapel Hill, Bondurant Hall, CB #7120Phone:919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** Sleep disorders center and clinical neurophysiology laboratory clinical experience. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3104.

Course Objectives: Upon completion of this course, students will

- Demonstrate professional behavior and cultural awareness in the clinical setting
- Perform optimal sleep and neurological testing/therapeutic procedures, and physiological monitoring procedures as ordered by licensed physicians
- Evaluate physiologic data records
- Utilize accurate recording techniques and perform patient preparation while taking all measures for infection control according to professional guidelines

# **Course Policies:**

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- 5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be

formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

**Required Texts:** Note taking materials. Reading materials may be provided by your instructor.

### **Evaluation Methods:**

Midterm Exam	20%
Participation	60%
Final Exam	20%

# Grade Scale:

 $\begin{array}{l} A = 91\text{-}100\% \\ B = 81 \text{-} 90\% \\ C = 71 \text{-} 80\% \\ D = 61 \text{-} 70\% \\ F = 60 \text{ and below} \end{array}$ 

# **Topical/Unit Outline:**

- Professional interactions between technologists, patients, staff, physicians, and management
- Obtain and evaluate high quality physiologic data recordings
- Accurate preparation of patients while following all professional recording standards and infection control guidelines, as well as following clinic policies and procedures
- Review clinical cases with senior technologists and physicians

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Please reference the NDSS website for the most current information on clinical rotations and policies.

**Disaster Statement:** Check UNC Charlotte and UNC Chapel Hill's website for alerts regarding closures of the Universities. Additionally, all course materials will be available through your Moodle course site.

**Department Policies:** Course syllabi for the current academic year (Summer, Fall and Spring) are kept in a central location in each Unit office. Unit or school policies will direct the retention of syllabi beyond the current academic year. The syllabus relating to a clinical practicum or internship of a College course, undergraduate and graduate, will contain the following statement regarding student responsibility for complying with requirements of affiliation agreements.

Course Number and Title: NDSS 4101: Principles and Practice of Healthcare Education

Credits, Days/Time, Location: 3 Credits; distance education

Faculty Information:Mary Ellen Wells<br/>UNC Chapel Hill, Bondurant Hall, CB #7120<br/>Phone: 919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** This course provides a foundation in the principles and practice of healthcare education. Topics include the educational process, learner characteristics, and teaching and learning theories, techniques and strategies. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3101.

Course Objectives: Upon completion of this course, students will

- Identify and differentiate responsibilities and qualifications of faculty and staff in a health care education setting
- Observe and classify student learning styles
- Define learning theories
- Define and apply instructional techniques and strategies

# **Course Policies:**

- 1. Participation and attendance are critical for success in this course. You must expect to spend a significant amount of time outside of regular scheduled class hours to complete this course.
- 2. All e-mails sent to the instructor must be in the format "NDSS course number *your name*".
- 3. There is a great deal of information to cover and the course moves at a fairly fast pace. Missed exams and quizzes cannot be made up and will result in a zero unless an approved written or typed request is given to the instructor in advance.
- 4. Late work is not accepted, except in extreme circumstances and must be approved by the instructor. Do not procrastinate because of possible technical problems. If you cannot keep up with the course, you should drop before the official withdrawal date.
- 5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

**Required Texts:** Health Professional as Educator – Principles of Teaching and Learning by Bastable, Gramet, Jacobs, and Sopczyk. ISBN-13 9780763792787 Other readings will be provided Note taking materials

# **Evaluation Methods:**

11 Quizzes (22 points) 11 Assignments (33 points) Participation (11 points) Group project (9 points) <u>4 Module exams (25 points)</u> Total (100 points) = 100% **Grade Scale:** 

A = 91-100% B = 81 - 90% C = 71 - 80% D = 61 - 70%F = 60 and below

# **Topical/Unit Outline:**

- Perspectives on teaching and learning
  - Overview of education in healthcare
  - o Ethical, legal, and economic foundations of the educational process
  - Applying learning theories to healthcare practice
- Characteristics of the learner
  - Determinants of Learning
  - Developmental Stages of the Learner
  - o Compliance, Motivation, and Health Behaviors of the Learner
  - Literacy in the Adult Client Population
  - o Gender, Socioeconomic, and Cultural Attributes of the Learner
  - Educating Learners with Disabilities
- Techniques and strategies for teaching and learning
  - o Behavioral Objectives
  - Instructional Methods and Settings
  - Instructional Materials
  - Technology in Education
- Evaluation in Healthcare Education

# UNIVERSITY, COLLEGE AND DEPARTMENTAL POLICIES

### **University Policies:**

### **Code of Student Responsibility:**

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### Academic Integrity:

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**Special Needs:** If you have a documented disability and require accommodation in this course, contact Disability Services, Fretwell 230, phone: 687 4355 voice/TDD) the first week of the semester. Information about available services may be found at <u>http://www.uncc.edu/disability-services</u>. Accommodations for learning will be arranged by that office and communicated to the Instructor. If you speak English as a second language, please inform the instructor.

### **Diversity Statement:**

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### <u>Religious Accommodation</u>: (*pending final approval and wording*.) <u>http://legal.uncc.edu/policies/ps-134.html</u>

**Clinical Policy:** Clinical attendance is required in order to meet clinical objectives. All clinical absences must be made up. Frequent absences may result in withdrawal from the course, which is done at the discretion of the instructor. Tardy is defined as leaving early or arriving late for a clinical rotation. Three tardies count as an absence and must be made up.

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**Course Number and Title:** NDSS 4104: Advanced Physiological Monitoring and Data Acquisition

Credits, Days/Time, Location: 3 Credits; distance education

Faculty Information: Mary Ellen Wells UNC Chapel Hill, Bondurant Hall, CB #7120 Phone: 919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** Students will learn advanced clinical procedures performed in clinical neurophysiology laboratories and operating rooms. Topics include evoked potentials and intraoperative neurophysiologic monitoring. Students participate in laboratory practice sessions. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3104.

Course Objectives: Upon completion of this course, students will

- Define principles of performing optimal evoked potential (EP) and intraoperative neurophysiologic monitoring (IONM) techniques
- Explain equipment verification, maintenance, and troubleshooting techniques for EP and IONM equipment
- Compare current issues and trends in human EP testing and IONM techniques
- Demonstrate professionalism individually and as part of a healthcare team
- Perform optimal EP and IONM procedures including patient preparation, correct utilization, maintenance, and troubleshooting of equipment, data acquisition, and reporting
- Apply optimal techniques for verification and analysis of data based on patient status
- Evaluate physiological recordings and categorize based on clinical presentation or medical condition

# **Course Policies:**

- 1. Participation and attendance are critical for success in this course. You must expect to spend a significant amount of time outside of regular scheduled class hours to complete this course.
- 2. All e-mails sent to the instructor must be in the format "NDSS course number *your name*".
- 3. There is a great deal of information to cover and the course moves at a fairly fast pace. Missed exams and quizzes cannot be made up and will result in a zero unless an approved written or typed request is given to the instructor in advance.
- 4. Late work is not accepted, except in extreme circumstances and must be approved by the instructor. Do not procrastinate because of possible technical problems. If you cannot keep up with the course, you should drop before the official withdrawal date.

5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

**Required Texts:** Web camera/microphone and high speed Internet connection Computer or camera capable of recording short video Other readings will be provided Note taking materials

# **Evaluation Methods:**

Critical thinking/research discussion board assignments and participation (25 points) Module exams (35 points) Laboratory assignments (30 points) <u>Paper/presentation (10 points)</u> Total (100 points) = 100%

# Grade Scale:

A = 91-100% B = 81 - 90% C = 71 - 80% D = 61 - 70%F = 60 and below

# **Topical/Unit Outline:**

- Evoked potentials (EP)
  - o Visual
    - Source and topography
    - Pattern stimulation
    - Partial-field stimulation
    - Full-field stimulation
    - Flash stimulation
  - Brainstem auditory
    - Source and topography
    - Acoustic stimulation
    - Audiometry
  - Somatosensory
    - Source and topography
    - Stimulation and recording

- Median nerve
- Ulnar nerve
- Peroneal nerve
- Tibial nerve
- Other peripheral nerves
- Long-latency event-related
- Intraoperative Neurophysiologic Monitoring
  - Introduction to the OR
  - Equipment verification and maintenance
  - Working with the OR team
  - Anesthesia and the technologists role
  - Spinal cord monitoring (TCeMEP)
  - Spinal cord monitoring (SSEP)
  - Spinal nerve root monitoring (EMG)
  - Cranial nerve monitoring
  - EEG monitoring
  - Monitoring considerations in adults
  - Monitoring considerations in infants and children

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**Special Needs:** If you have a documented disability and require accommodation in this course, contact Disability Services, Fretwell 230, phone: 687 4355 voice/TDD) the first week of the semester. Information about available services may be found at <u>http://www.uncc.edu/disability-services</u>. Accommodations for learning will be arranged by that office and communicated to the Instructor. If you speak English as a second language, please inform the instructor.

### **Diversity Statement:**

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**Clinical Policy:** Clinical attendance is required in order to meet clinical objectives. All clinical absences must be made up. Frequent absences may result in withdrawal from the course, which is done at the discretion of the instructor. Tardy is defined as leaving early or arriving late for a clinical rotation. Three tardies count as an absence and must be made up.

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Course Number and Title: NDSS 4105: Leadership in Healthcare Organizations

# Credits, Days/Time, Location: 3 Credits; distance education

Faculty Information: Mary Ellen Wells UNC Chapel Hill, Bondurant Hall, CB #7120 Phone: 919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** This course focuses on the theories and practices of leadership in health care. Global, social, legal, political, economic, and ethical issues are explored. Prerequisite: Admittance into NDSS program and a grade of C or higher in RESP 4102 and NDSS 4101.

Course Objectives: Upon completion of this course, students will

- Explore health care organizations and characteristics of the health care environment
- Differentiate health care delivery models
- Define and demonstrate principles of leadership
- Analyze legal and ethical issues in health care organizations
- Evaluate health care financial systems and other organizations affecting health care

# **Course Policies:**

- 1. Participation and attendance are critical for success in this course. You must expect to spend a significant amount of time outside of regular scheduled class hours to complete this course.
- 2. All e-mails sent to the instructor must be in the format "NDSS course number *your name*".
- 3. There is a great deal of information to cover and the course moves at a fairly fast pace. Missed exams and quizzes cannot be made up and will result in a zero unless an approved written or typed request is given to the instructor in advance.
- 4. Late work is not accepted, except in extreme circumstances and must be approved by the instructor. Do not procrastinate because of possible technical problems. If you cannot keep up with the course, you should drop before the official withdrawal date.
- 5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

# Required Texts: Readings will be provided by your instructor

# **Evaluation Methods:**

11 Quizzes (22 points)
11 Assignments (33 points)
Participation (11 points)
Group project (9 points)
<u>4 Module exams (25 points)</u>
Total (100 points) = 100%

# Grade Scale:

 $\begin{array}{l} A = 91\text{-}100\% \\ B = 81 \text{-} 90\% \\ C = 71 \text{-} 80\% \\ D = 61 \text{-} 70\% \\ F = 60 \text{ and below} \end{array}$ 

# **Topical/Unit Outline:**

- U.S health care delivery systems
- Foreign health care delivery systems
- Organizational theory
- Globalization of health care
- Standardization of health care
- Legal and ethical considerations and issues
- Creation/implementation of interdepartmental policies
- Health care advocacy
- Case management
- Socialization of health care
- Governmental health care issues
- Legislation
- Public presentations
- Communication skills
- Economic influence
- Licensure
- New methodologies
- Outsourcing
- Emerging technologies

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**Special Needs:** If you have a documented disability and require accommodation in this course, contact Disability Services, Fretwell 230, phone: 687 4355 voice/TDD) the first week of the semester. Information about available services may be found at <u>http://www.uncc.edu/disability-services</u>. Accommodations for learning will be arranged by that office and communicated to the Instructor. If you speak English as a second language, please inform the instructor.

### **Diversity Statement:**

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### <u>Religious Accommodation</u>: (*pending final approval and wording*.) <u>http://legal.uncc.edu/policies/ps-134.html</u>

**Clinical Policy:** Clinical attendance is required in order to meet clinical objectives. All clinical absences must be made up. Frequent absences may result in withdrawal from the course, which is done at the discretion of the instructor. Tardy is defined as leaving early or arriving late for a clinical rotation. Three tardies count as an absence and must be made up.

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# Course Number and Title: NDSS 4406: Internship

**Credits, Days/Time, Location**: 3 Credits; M-F 8am-5pm; UNC Hospitals or other approved facility

Faculty Information: Mary Ellen Wells UNC Chapel Hill, Bondurant Hall, CB #7120 Phone: 919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** Sleep and clinical neurophysiology laboratory educational/management internship with mentoring component. Prerequisite: Admittance into the NDSS program and completion of NDSS 4101 and RESP 4102 with a grade of C or better.

Course Objectives: Upon completion of this course, students will

- Demonstrate proficiency in designing instruction, assessments, and evaluation systems.
- Mentor entry-level students in an educational setting
- Apply management principles in a clinical/education setting
- Adhere to and promote all professional guidelines
- Promote cultural awareness and ethical behavior in the clinical and educational setting

# **Course Policies:**

- 1. Participation and attendance are critical for success in this course. You must expect to spend a significant amount of time outside of regular scheduled class hours to complete this course.
- 2. All e-mails sent to the instructor must be in the format "NDSS course number *your name*".
- 3. There is a great deal of information to cover and the course moves at a fairly fast pace. Missed exams and quizzes cannot be made up and will result in a zero unless an approved written or typed request is given to the instructor in advance.
- 4. Late work is not accepted, except in extreme circumstances and must be approved by the instructor. Do not procrastinate because of possible technical problems. If you cannot keep up with the course, you should drop before the official withdrawal date.
- 5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case

studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

**Required Texts:** Note taking materials. Reading materials may be provided by your instructor.

### **Evaluation Methods:**

Midterm Exam	20%
Participation	60%
Final Exam	20%

### Grade Scale:

 $\begin{array}{l} A = 91\text{-}100\% \\ B = 81 \text{-} 90\% \\ C = 71 \text{-} 80\% \\ D = 61 \text{-} 70\% \\ F = 60 \text{ and below} \end{array}$ 

# **Topical/Unit Outline:**

- Student and employee/employer interactions
- Participation in the day-to-day activities of a laboratory manager/educator
- Designing instruction in a college/continuing education setting
- Creation, implementation, and assessment of student/employee evaluation systems
- Student mentoring/preceptorship

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**Special Needs:** If you have a documented disability and require accommodation in this course, contact Disability Services, Fretwell 230, phone: 687 4355 voice/TDD) the first week of the semester. Information about available services may be found at <u>http://www.uncc.edu/disability-services</u>. Accommodations for learning will be arranged by that office and communicated to the Instructor. If you speak English as a second language, please inform the instructor.

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### <u>Religious Accommodation</u>: (*pending final approval and wording*.) <u>http://legal.uncc.edu/policies/ps-134.html</u>

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Course Number and Title: NDSS 4107: Sleep and Neurodiagnostic Sciences Capstone

Credits, Days/Time, Location: 6 Credits, Writing intensive (W), distance education

Faculty Information: Mary Ellen Wells

UNC Chapel Hill, Bondurant Hall, CB #7120 Phone: 919-843-3673 Email: mwells@med.unc.edu

**Catalog Description:** Students complete a project and presentation culminating from the undergraduate course of study. Project topics provide students the opportunity to summarize, evaluate, and integrate knowledge gained throughout the undergraduate major. Prerequisite: Admittance into NDSS program and a grade of C or higher in NDSS 3405, NDSS 4104, NURN 4201, and NDSS 4105.

Course Objectives: Upon completion of this course, students will

- 1. Create an inventory of knowledge/skills attained throughout the undergraduate major
- 2. Demonstrate achievement of learning goals established by the Sleep and Neurodiagnostic Sciences program
- 3. Establish a practical connection between the undergraduate major and the professional world

# **Course Policies:**

- 1. Participation and attendance are critical for success in this course. You must expect to spend a significant amount of time outside of regular scheduled class hours to complete this course.
- 2. All e-mails sent to the instructor must be in the format "NDSS course number *your name*".
- 3. There is a great deal of information to cover and the course moves at a fairly fast pace. Missed exams and quizzes cannot be made up and will result in a zero unless an approved written or typed request is given to the instructor in advance.
- 4. Late work is not accepted, except in extreme circumstances and must be approved by the instructor. Do not procrastinate because of possible technical problems. If you cannot keep up with the course, you should drop before the official withdrawal date.
- 5. Students must obtain a minimum grade of "C" for credit in the Neurodiagnostics and Sleep Science program

**Teaching Strategies:** Teaching methods may include a combination of lectures and audiovisual presentations by faculty. Student participation in discussions, demonstration of problem solving (e.g. using Excel, flow charts), critical thinking exercises, analysis of case studies, group /team collaboration, and peer-teaching or lab experiences. The teams will be

formed at the beginning of the semester. All students are expected to contribute in a meaningful way to team efforts.

**Required Texts:** Note taking materials. Reading materials may be provided by your instructor.

#### **Evaluation Methods:**

Participation	60%
Final Project	40%

### Grade Scale:

A = 91-100%B = 81 - 90% C = 71 - 80% D = 61 - 70% F = 60 and below

# **Topical/Unit Outline:**

Sequence will be determined by the scope of project assigned. At the beginning of the semester, the student and instructor will complete an individualized course sequence.

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"The UNC Charlotte Code of Student Responsibility (the Code) sets forth certain rights and responsibilities in matters of student discipline. The Code defines these responsibilities and guarantees you certain rights that ensure your protection from unjust imposition of disciplinary penalties. You should familiarize yourself with the provisions and procedures of the Code" (Introductory statement from the UNC Charlotte brochure about the Code of Student Responsibility). The entire document may be found at this internet address: <u>http://www.legal.uncc.edu/policies/ps-105.html</u>.

### Academic Integrity:

Students have the responsibility to know and observe the requirements of The UNC Charlotte Code of Student Academic Integrity. This code forbids cheating, fabrications, or falsification of information, multiple submission of academic work, plagiarism, abuse of academic materials, and complicity in academic dishonesty. Academic evaluations in this course include a judgment that the student's work is free from academic dishonesty of any type; and grades in this course therefore should be and will adversely affected by academic dishonesty. Students who violate the code can be expelled from UNC Charlotte. The normal penalty for a first offense is zero credit on the work involving dishonesty and further substantial reduction in the course grade. In almost all cases the course grade is reduced to F. Copies of the code can be obtained from the Dean of Students Office or <u>http://www.uncc.edu/dos/judicial.htm.</u>. Students are expected to report cases of academic dishonesty to the course's instructor.

**Special Needs:** If you have a documented disability and require accommodation in this course, contact Disability Services, Fretwell 230, phone: 687 4355 voice/TDD) the first week of the semester. Information about available services may be found at <u>http://www.uncc.edu/disability-services</u>. Accommodations for learning will be arranged by that office and communicated to the Instructor. If you speak English as a second language, please inform the instructor.

### **Diversity Statement:**

UNC Charlotte strives to create an academic climate in which the dignity of all individuals is respected and maintained. Therefore, we celebrate diversity that includes, but is not limited to ability/disability, age, culture, ethnicity, gender, language, race, religion, sexual orientation, and socio-economic status.

### <u>Religious Accommodation</u>: (*pending final approval and wording*.) <u>http://legal.uncc.edu/policies/ps-134.html</u>

**Clinical Policy:** Clinical attendance is required in order to meet clinical objectives. All clinical absences must be made up. Frequent absences may result in withdrawal from the course, which is done at the discretion of the instructor. Tardy is defined as leaving early or arriving late for a clinical rotation. Three tardies count as an absence and must be made up.

Any absence due to illness of three consecutive days or more requires a release signed by the physician stating the student can return to clinical without any restrictions on activities.

Any injury that could jeopardize the safety of the student and/or the client requires a release signed by the physician stating the student may return to clinical without any restrictions on activities.

Please reference the NDSS website for the most current information on clinical rotations and policies.

**Disaster Statement:** Check UNC Charlotte and UNC Chapel Hill's website for alerts regarding closures of the Universities. Additionally, all course materials will be available through your Moodle course site.

**Department Policies:** Course syllabi for the current academic year (Summer, Fall and Spring) are kept in a central location in each Unit office. Unit or school policies will direct the retention of syllabi beyond the current academic year. The syllabus relating to a clinical practicum or internship of a College course, undergraduate and graduate, will contain the following statement regarding student responsibility for complying with requirements of affiliation agreements.