

Nasser A. Hammami

Assistant Professor & Chief Information Officer
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WORK EXPERIENCE

Chief Information Officer / Assistant Professor

2008-current

University of North Dakota, School of Medicine & Health Sciences.

- Overall administration and management of the Information Resources units (IT services, graphic design, print and photography, video conferencing services, classroom technology, and solutions development).
- Management of Information Resources staff and budget.
- Serving on university committees and representing the school on national meetings.
- Planning, designing, development, implementation, and evaluation of synchronous and asynchronous educational technologies.
- Management of electronic communication and information technologies to provide support for medical education and care at a distance.
- Teach MED205 (Medical Terminology) and MED100 (Introduction to Health Sciences)
- Facilitate Patient Centered Learning group discussion for 1st and 2nd year medical curriculum
- Manage the 2014 LCME accreditation process for UND School of Medicine & Health Sciences.

Interim CIO - Director, Information Resources

2007-2008

University of North Dakota School of Medicine & Health Sciences.

Director of Instructional Technology

2002-2007

University of North Dakota School of Medicine & Health Sciences.

- Provided instruction, training, and resources to faculty on the use of technology in teaching
- Teach MED205 (Medical Terminology) and MED100 (Introduction to Health Sciences) for UND and Lake Region Community College as an Adjunct professor
- Facilitate Patient Centered Learning group discussion for 1st and 2nd year medical curriculum
- Implemented and managed new instructional technologies including Blackboard, Adobe Connect, Questionmark.
- Implemented and managed custom applications for student admission, field data collection and other administrative web-based applications.
- Updated and maintained the new website for the school.

Director of Technology

2004-2007

Rural Service Delivery Center, University of North Dakota College of Business & Public Administration.

- Installed and operated new videoconferencing units in Indian Health Services facilities and the United States Social Security Administration offices in various locations in North Dakota, South Dakota, Minnesota, Montana and Wyoming
- Managed the Telemedicine projects in North Dakota including teleradiology, teleophthalmology and teledentistry
- Managed the technology for the \$2,500,000 federally funded project

Director of Technology**2002-2004**

Health Information Technology & Telemedicine Center, University of North Dakota School of Medicine & Health Sciences.

- Installed and operated new videoconferencing units in Human Service Center, Indian Health Services facilities and the United States Social Security Administration offices in North Dakota.
- Implemented, operated and provided training for a teleradiology system in North Dakota
- Implemented, operated and provided training for a teleophthalmology system in North Dakota
- Implemented, operated and provided training for a teledentistry system in North Dakota
- Managed the telemedicine infrastructure for the \$2,750,000 federally funded projects.

Instructional Designer**2000-2002**

Information Resources, University of North Dakota School of Medicine & Health Sciences.

- Provided instruction and training to faculty, staff and students on the use of technology in the classroom
- Assisted faculty in designing successful on-line courses
- Provided support for instructional applications and & multimedia design services
- Taught CLS505 (Financial Management in the Clinical Laboratory), CLS238 (Computer Applications in the Clinical Laboratory Sciences), CLS514 (Computer Application in Health Sciences).

Graduate Teaching Assistant**1999-2000**

Department of Pathology, University of North Dakota School of Medicine & Health Sciences.

- Taught CLS505 (Financial Management in the Clinical Laboratory), CLS238 (Computer Applications in the Clinical Laboratory Sciences), CLS514 (Computer Application in Health Sciences).
- Converted traditional on-campus courses into on-line format
- Assisted the department in offering online Master's degree in Clinical Laboratory Science

EDUCATION

- Enrolled, Capella University, Ph.D. in Organization & Management.
- 2011, University of Mary, Grand Forks, ND. Master's of Business Administration
- 2006, University of North Dakota, Grand Forks, ND. Master's of Science in Industrial Technology
- 2000, University of North Dakota, Grand Forks. Master's of Science in Medical Technology (Clinical Laboratory Sciences).
- 1998, University of Ain-Shams, Cairo, Egypt. Master's of Science in Biochemistry.
- 1994, Teshreen University, Lattakia, Syria. Bachelor's of Science in Biological & Chemical Sciences.

TEACHING EXPERIENCE

- 2005-Current, Assistant Professor. Department of Family Medicine, University of North Dakota School of Medicine & Health Sciences, Grand Forks, ND.
- 2007-2009, Adjunct Professor. Lake Region State College, Devils Lake, ND
- 2000-2005, Instructor. University of North Dakota School of Medicine & Health Sciences. Grand Forks, ND.

AWARDS

- 1994: *Valedictorian*, undergraduate. Teshreen University, Lattakia, Syria.

CERTIFICATIONS

- Certified Technology Specialist (CTS). *International Communications Industries Association (InfoComm International)*.

RESEARCH

- 2005-2006: Department of Technology, University of North Dakota College of Business & Public Administration. Grand Forks, ND. "Design, Development & Control of a cost effective Modular Mobile Video Conferencing Unit (V-Robot)"
- 1995-1998: National Cancer Institute & University of Ain-Shams, Cairo, Egypt; "Biochemical Changes in Urinary Bladder Cancer Patients after Orthotopic Ileocecal Bladder Substitution".

TRAINING

- Molecular Biology Techniques. Faculty of Medicine, Cairo University. Cairo, Egypt, 1997.
- Virtual Reality Modeling. University of Santa Clara, Santa Clara, CA. June 2001.
- Leadership Workshop. Association of Schools of Allied Health Professions Annual Conference. October 2001, Norfolk, VA.
- Geographic Information Systems (GIS), ArcIMS training, ESRI, San Paul, MN, March 2002.
- Electronic Document Management Training (Zylab), Grand Forks, ND, 2002.
- Click2Learn, ToolBook *Instructor* training, Chicago, IL, July 2002.
- Questionmark Administration & Authoring Training (Eagan, MN 2002 & Grand Forks, ND, 2006).
- HIPAA Training, University of North Dakota. Grand forks, ND, 2003.
- Flash Animation (UND, School of Medicine, Grand Forks, ND 2004, and Skills & Technology Center. Fargo, ND 2005).
- Human Resources Supervisory Training, UND, School of Medicine & Health Sciences, 2003 & 2004.
- Macromedia Director MX, Orlando, FL, April 2004.
- Cisco Networking I (CCNA I), Cisco Academy. September-October, 2005
- Audiovisual Control System Networking & System Design. InfoComm Academy, 2005-2006
- Crestron Control Systems (Crestron Programming, Lighting Control Systems, Professional Installation, System Configuration, Residential System Design, Commercial System Design, Adagio Composer and Crestron System Builder) Crestron Technical Institute, 2005-2010.
- Computer Aided Design - AutoCAD 2006, University of North Dakota. Grand Forks, ND, June 2006
- Leadership Training. University of North Dakota, Grand Forks, ND. 2006.
- Facilitators Training. University of North Dakota School of Medicine, Grand Forks, ND. 2006.
- Audiovisual Best Practices: The Process of Implementing AV Systems. InfoComm International, Anaheim, CA 2007.
- IP & AV Integration. InfoComm International, Anaheim, CA 2007.
- Wireless network configuration for the AV Professional. InfoComm International, Anaheim, CA 2007.
- Digital Video & Streaming Media Encoding & Delivery. InfoComm International, Anaheim, CA 2007.

- Workplace Mediation Training. Conflict Resolution Center, Bemidji, MN 2007.
- Family Educational Rights and Privacy Act (FERPA) training. University of North Dakota, Grand Forks, ND. 2007.
- Leadership Training. GIR Leadership Institute, Group on Information Resources, American Association of Medical Colleges. Park City, UT. July 2008
- Project Management Training. Project Management Academy. Bloomington, MN. July 2012

PRESENTATIONS & PUBLICATIONS

- “Biochemical Changes in Bladder Cancer Patients”. University of Ain Shams, Cairo, Egypt, 1998.
- “Glucose 6-Posphate Deficiency”. Laboratory Education for North Dakota. University of North Dakota, Grand Forks, ND. February 2001.
- “MedNet, Connecting Outside the Box”. A system to provide internet access to student. Association of Schools of Allied Health Professions (ASAHP). Norfolk, VA. October 2001.
- “Telemedicine Applications”, Upper Great Plain Technology Conference, Fargo, ND, 2002 & 2004.
- “Integrating Multiple Technologies to Enhance Teaching”. 2nd Annual Beyond Boundaries Conference. University of North Dakota. Grand Forks, North Dakota, October 2003.
- “Breezing Up a Health Professions Course to High School Juniors / Seniors & College Freshmen in the Region”. 4th Annual Beyond Boundaries Conference. University of North Dakota. Grand Forks, North Dakota, October 2005.
- “Proliferative Activity as Indicated by Mutant P53 Expression in Hepatocellular Carcinoma, Lymphomas and Bladder Cancer”. *Aboul-Enein, M., Khafagy, M., Abonl-Enein, K., El- Sabbagh, M., Abdel Megid M., and Hammam N.* Egypt J Lab Med 13(1): 121-129, 2001.
- “Breezing Up – An Interdisciplinary Health Professions Course for High School Juniors and Seniors and College Freshman”. *Bruce A. W., Behm K.J. and Hammami N.* Clin Lab Sci. 2006 ;19(2):112-6
- “Healthcare sweeps across the plains: university telemedicine program allows Native Americans on North Dakota reservations to consult with specialists hundreds of miles away” Health Management Technology, April 2005
- Technology, Infrastructure, and Inter-Institutional Teaching and Learning Goals: “Toward the Development of Standardized Learning Management Systems” Group on Information Resources (GIR) Learning Management Systems – Work Group Report. November 2008

ORGANIZATIONAL MEMBERSHIP & COMMITTEES SERVICED

- Egyptian Society of Biochemistry. Member since 1996.
- Association of Schools of Allied Health Professions (ASAHP). Member since 2001
- Health Science Communication Association. Member since 2003.
- The Association for the Audiovisual Communications Industry Association (InfoComm International). Member since 2005.
- National Association of Industrial Technology. Member since 2006.
- Group on Information Resources (GIR) Member, Association of American Medical Colleges (AAMC). Member since 2007.
- 4th Annual Beyond Boundaries Conference Proposal Review Committee. University of North Dakota. 2005.
- LCME Information Resources Self Evaluation Committee, School of Medicine & Health Sciences, University of North Dakota. 2005
- Information Technology Managers Committee, University of North Dakota. 2005-Current
- Blackboard administrators group, University of North Dakota. 2005-2010

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- Podcast University Advisory Committee, University of North Dakota. 2006-2010
 - Conflict Resolution Center, University of North Dakota. Grand Forks, ND. Member since 2006.
 - Conflict Resolution Center Fund Raising Committee, University of North Dakota. 2006-Current
 - Senate Library Committee, University of North Dakota. 2007-2010
 - Conflict Resolution Center 20th Anniversary Celebration Marketing Committee, University of North Dakota. 2006-2007
 - Conflict Resolution Center, board member, University of North Dakota. 2008-2011
 - University Information Technology Council, University of North Dakota. 2007-Current.
 - University Information Technology Resource Sharing, University of North Dakota. 2007-2008.
 - University Identity Management Governance Board, University of North Dakota. 2007-2010.
 - University IT strategic planning group, University of North Dakota. 2008-2009.
 - Learning Management System Working Group, Association of American Medical Colleges (AAMC).
 - University Core Technology Services Steering Committee, University of North Dakota. 2008-2011.
 - University Technology Advisory Committee, University of North Dakota. 2010-2011.
 - University One Card planning group, University of North Dakota. 2010-2011.
 - BPOS Planning Group, North Dakota University System. 2010-Current.
 - Student Technology Fee Committee, School of Medicine & Health Sciences, University of North Dakota. 2010-Current.
 - Educational Resources Committee, UND School of Medicine & Health Sciences Dakota. 2012-Current.
 - LCME accreditation Executive Steering Committee, School of Medicine & Health Sciences, University of North Dakota. 2012-Current.
 - LCME accreditation Working Group; Project Manager, School of Medicine & Health Sciences, University of North Dakota. 2012-Current.
 - LCME accreditation; Database Educational Resources Committee; Member, School of Medicine & Health Sciences, University of North Dakota. 2012-Current.
 - LCME accreditation; Self-Study Educational Resources Committee; Chairperson, School of Medicine & Health Sciences, University of North Dakota. 2012-Current.
 - New Building Committee; Advisor, School of Medicine & Health Sciences. 2013-Current.

GRANTS AWARDED

- University of North Dakota Student Technology Fees Grant, 2001. *Upgrade the Computer Lab and building a Mobile Computer Lab for UND School of Medicine & Health Sciences.* \$ 30,000
- University of North Dakota Student Technology Fees Grant, 2003. *Multimedia Streaming of Instructional Contents for UND School of Medicine & Health Sciences.* \$ 25,000
- University of North Dakota Student Technology Fees Grant, 2004. *Upgrade the Mobile Computer Lab for UND School of Medicine & Health Sciences.* \$20,000
- University of North Dakota Student Technology Fees Grant, 2006. *Upgrade Reed Keller Auditorium at UND School of Medicine & Health Sciences.* \$14,000
- University of North Dakota Student Technology Fees Grant, 2006. *Upgrade United Hospital & Clifford Haugen Auditoriums at UND School of Medicine & Health Sciences.* \$29,000
- University of North Dakota Student Technology Fees Grant, 2007. *Upgrade & Redesign the School of Medicine & Health Sciences' Servers.* \$25,000
- University of North Dakota Student Technology Fees Grant, 2007. *Upgrade the School of Medicine & Health Sciences' computer lab.* \$32,000.