

Mark A. Nook

Interim Senior Vice President for Academic Affairs University of Wisconsin System

EDUCATION

- Ph.D. Astronomy, 1990, University of Wisconsin-Madison, Madison, WI
- M.S. Astrophysics, 1983, Iowa State University, Ames, IA
- B.A. Physics and Mathematics, 1980, Southwest Minnesota State University, Marshall, MN
Magna Cum Laude
Academic Achievement Award in Mathematics
Distinguished Service Award in Physics

PROFESSIONAL EXPERIENCE

Interim Senior Vice President for Academic Affairs, 2011 – present

University of Wisconsin System, Madison, WI

- ◆ Position reports to the President of the University of Wisconsin System and is one of two-Senior Vice President positions within the University of Wisconsin System
- ◆ The University of Wisconsin System enrolls more than 180,000 students in 13 four-year institutions and 13 two-year liberal arts institutions, and includes the extension services that operate in every county of the state
- ◆ Units reporting to the Senior Vice President for Academic Affairs include: Academic, Faculty, and Global Programs; Student Affairs and Academic Support Services; Equity, Diversity, and Inclusivity; Policy Analysis and Research; and Federal Relations
- ◆ Position is principle staff support to the Education Committee of the University of Wisconsin Board of Regents
- ◆ Working with chancellors, provosts, members of the Board of Regents Education Committee, colleagues within UWSA Academic Affairs, we
 - ◆ Are implementing a reorganization of Academic Affairs to better respond to constituents in light of a 17% cut in personnel within the office
 - ◆ Reorganized the UW System grant structure, request for proposal process, and proposal review process, making the review criteria and process more transparent and open to constituents throughout the system
 - ◆ Established and implemented the process to move leadership of academic advisory groups and consortia to an individual institution
 - ◆ Initialized the revision of the Academic Program Planning and Review process used to evaluate, approve and assure quality of academic programs within the system

Interim Chancellor, 2009 – 2010

University of Wisconsin-Stevens Point, Stevens Point, WI

- ◆ Masters institution with 9,300 students, 425 instructional faculty, and total operating budget of \$150 million
- ◆ Working with the Interim Director of the Foundation, UWSP Foundation Board and Executive Committee, deans, college development officers, and vice chancellors we
 - ◆ Initiated the first UWSP Foundation Board Campaign and raised more than \$50,000 in less than two months
 - ◆ Achieved growth in the number of participants and funds contributed to the Parents Campaign and the Annual Campaign
 - ◆ Strengthened the relationship between the University and the UWSP Foundation Board and its Executive Committee
- ◆ Working with the Deans of the Colleges of Natural Resources and Letters and Sciences, the Interim Provost, staffs of Congressman Dave Obey and State Senator Julie Lassa we
 - ◆ Secured \$2.4 million in new and continuing funding for the Wisconsin Institute for Sustainable Technology (WIST)
 - ◆ Hired the first Director of WIST and
 - ◆ Officially opened the institute in the fall of 2010
- ◆ Working with the Vice Chancellor for Business Affairs, his staff, and various staff throughout the university, we moved forward on six facilities projects
 - ◆ Completed initial planning and request for capital improvement planning funds for a new \$70 million science building to be funded through state bonding
 - ◆ Broke ground on a new \$25.5 million suite style residence hall, the first new residence hall on campus in more than forty years. This building will be paid for through student room fees. Hall opened Fall 2011
 - ◆ Obtained funding and broke ground on a \$5.3 million new Military Science wing to the Health Enhancement Center to house the Military Science and Army ROTC program. Facility opened March, 2011
 - ◆ Obtained funding and began construction of a \$4.5 million Waste Management Education Center. Center opened Summer 2011
 - ◆ Obtained funding and began construction of a \$7.1 million chiller facility to serve the northern portion of campus
 - ◆ Obtained funding and began construction of the Moses Creek Restoration at Schmeckle Reserve, a joint project with the Wisconsin Department of Transportation and the City of Stevens Point, project completed summer, 2011
- ◆ Collaborated with our state assemblyman, state senator, chancellors from two UW system institutions, one Regent, and the Senior Vice President for Academic Affairs to develop a process to create a nursing program at the UWSP
- ◆ In collaboration with the Vice Chancellor for Student Affairs and units within Student Affairs
 - ◆ Enhanced our relationship with Lane Technical College Preparatory High School in Chicago, a key partner in building UWSP diversity enrollments and leadership
 - ◆ Enhance relations with key partners in recruiting international students from China
- ◆ Working with governance groups and units throughout the university we
 - ◆ Developed the UWSP commitments to the UW More Graduate Initiative with principle goals to improve retention and graduation rate for all students and close the achievement gap between underrepresented minority students and the general student population
 - ◆ Completed the University's Plan for Inclusive Excellence
 - ◆ Prepared for the initial stages of the Strategic Planning Process, the Strategic Plan was completed the following year
 - ◆ Signed educational cooperation agreement with Beijing Forestry University

Provost and Vice Chancellor for Academic Affairs, 2007 – 2009, 2010 – 2011

University of Wisconsin-Stevens Point, Stevens Point, WI

- ◆ Units directly reporting to the Provost and Vice Chancellor are four Colleges: Fine Arts and Communication, Letters and Science, Natural Resources, and Professional Studies; International Programs; Information Technology; University Library; UWSP Continuing Education; and Office of Grant Support
- ◆ During 2010-2011 academic year, Academic Affairs and Student Affairs were reorganized to create an Enrollment Management unit within Academic Affairs that includes Records and Registration, Admissions, and Financial Aid. Additionally the International Students and Scholars Office, Student Academic Advising Center, Career Services, and Disability Services were moved to Academic Affairs
- ◆ Working with the Chancellor, Vice Chancellors, and staff from business and student affairs, the deans, faculty and staff within academic affairs we were able to successfully
 - ◆ Create an enrollment management team to begin the preparation of the university's first long-range enrollment management plan
 - ◆ Establish the first salary equity funding for faculty salaries and initiate the process for determining equity adjustments
 - ◆ Expand the International Program (Study Abroad)
 - ◆ Initiate the International Program self-study and peer review
 - ◆ Move the Division of Business and Economics from the College of Letters and Science to the College of Professional Studies
 - ◆ Initiate the AACSB accreditation process for the Division of Business and Economics
 - ◆ Establish a program with UW-Marathon County to offer a baccalaureate degree completion program in business and economics on the UWMC campus
 - ◆ Acquire funding for the Wisconsin Institute for Sustainable Technology, appoint directors of Research, Education, and Outreach, and hire an executive director
 - ◆ Gain initial ABET accreditation for the Paper Science and Engineering Program
 - ◆ Complete the academic agreement for the student exchange between two universities in Finland, one in Germany, and UWSP for Paper Science and Engineering Students
 - ◆ Complete the first Library self-study and peer review, which led to organizational and physical improvements
 - ◆ Complete the first Continuing Education self-study and peer review, which lead to the establishment of a Director of Continuing Education position
 - ◆ Complete the Tutoring and Learning Center self-study and peer review
 - ◆ Initiate and oversee the Campus Climate Survey and Equity Scorecard
 - ◆ Begin the formal process of the revision of General Education and Degree requirements. The new General Education program gained Faculty Senate approval during the 2011-2012 academic year and is scheduled for implementation in Fall 2012.
 - ◆ Begin the process of the revision of academic program assessment
 - ◆ Prepare the 2009-2010 Growth Agenda with a request of \$1.7 million for the 2009-2011 biennium
 - ◆ Organize the College Development Officers Group to facilitate a coordinated fund raising process for the university
 - ◆ Add faculty positions in biology and chemistry to address enrollment increases
 - ◆ Fund three faculty members to participate as Fulbright scholars; two in 2007-2008 and one in 2008-2009, and one Fulbright Teaching Fellow at UWSP for 2009-2010
 - ◆ Replace the seating in the performing arts theater and musical performance auditorium
 - ◆ Renovate the residential hall unit at Treehaven (an environmental education center) and provide the mechanism to ensure future funding for its maintenance

Dean of Undergraduate Studies, 2004 – 2007

St. Cloud State University, St. Cloud, MN

- ◆ Position was created in the summer of 2004 and I served as the founding dean
- ◆ Reporting units: Department of Academic Support and Academic Learning Center, Advising Center, Center for Excellence in Teaching and Learning, Community College Connections, Division of General Studies, First-Year Experience Program, Honors Program, New Student Advising and Registration Days, New Student Orientation Program, Retention Initiatives
- ◆ Served as initial director of the First-Year Experience Program, 2004 – 2006
- ◆ Developed and managed the budget for Undergraduate Studies
- ◆ Managed seat availability in all general education courses throughout the university
- ◆ Oversaw student academic appeals process and served as final appeal adjudicator
- ◆ Working with the Provost, Vice Chancellor for Student Life, and academic deans, the members of Undergraduate Studies units were able to
 - ◆ Increase the Academic Learning Center from one full-time faculty member, one fixed-term faculty member, and numerous adjunct appointments to three tenure/tenure-track positions and one fixed term position that permitted a significant increase in the number of students served
 - ◆ Add three, 0.75-time positions to the Academic Advising Center, a 29% increase in staffing, which brought the center's workload to within national norms
 - ◆ Add an associate director and half-time office manager in the Honors program and nearly double the number of students admitted to the Honors program
 - ◆ Create the First Year Experience Program that served 360 students in 2005-2006, 650 students in 2006-2007, and nearly 1,000 students in 2007-2008
 - ◆ Add an associate dean in the fall of 2006 to serve as the director of the First Year Experience programs
 - ◆ Create the New Student Convocation in the Fall of 2005
 - ◆ Create the New Student Orientation Program, a three-day academic, cultural, and social orientation for the Fall of 2007
 - ◆ Increase the number of students served through the Division of General Studies (DGS), an conditional admissions program for academically at risk first-year students, from 250 in 2005-2006, to 440 in 2008-2007 and realized an increase in the retention rates from first to second semester of students in the DGS
 - ◆ Bring internationally recognized scholars, John Gardner and Vince Tinto, to help SCSU build faculty and staff involvement in the First Year Experience program
 - ◆ Bring Nobel Peace Prize laureate Wangari Maathai to campus to address students, faculty, staff and members of the community on the importance of education in changing people's lives and a nation's culture

Chair, Department of Physics, Astronomy, and Engineering Science 1999 – 2004

St. Cloud State University, St. Cloud, MN

- ◆ Scheduled department's classes, personnel, rooms, and meetings
- ◆ Allocated and provided oversight of department's budget
- ◆ Coordinated departmental personnel review and evaluation
- ◆ Promoted the department and college on and off-campus
- ◆ Worked with department faculty and alums to establish the first endowed scholarship in physics and astronomy

Director of the SCSU Observatory and Planetarium, 1990 – 2004

St. Cloud State University, St. Cloud, MN

- ♦ Managed the budget, scheduling, operation, and maintenance of the university's observatory and planetarium
- ♦ Trained student operators of the planetarium and telescopes so they can assist in public presentations
- ♦ Coordinated with area K-12 educators to improve astronomy and science content in their curricula
- ♦ Planned and helped obtain state funding for a \$475,000 upgrade of the planetarium
- ♦ Moved the program from serving approximately 1,000 community member per year to serving more than 5,000 per year without an increase in funding

Professor of Physics and Astronomy, 1998 – 2007

Associate Professor of Physics and Astronomy, 1993 – 1998

Assistant Professor of Physics and Astronomy, 1990 – 1993

Dept. of Physics, Astronomy, & Engineering Science, St. Cloud State University, St. Cloud, MN

- ♦ Designed and taught an interdisciplinary, multi-cultural course in archaeoastronomy which included a field trip to Anasazi ruin sites, the Ute and Navajo reservations, or Mayan ruin sites in Yucatan and Quintana Roo, Mexico
- ♦ Developed the Physics Education curriculum to meet the Board of Teacher Education licensure requirements for junior and senior high school teacher candidates
- ♦ Worked with colleagues within the department and other science and engineering departments to convert all courses from the quarter system to the semester system
- ♦ Initiated the undergraduate research program in physics and astronomy

Sub-contractor to the Wisconsin Ultraviolet Photo-Polarimetry Experiment, 1991

Space Astronomy Lab, University of Wisconsin-Madison

- ♦ Data collection, reduction, and analysis of astronomical spectropolarimetry

Graduate Student Research Assistant, 1986 – 1990

Wisconsin Ultraviolet Photo-Polarimetry Experiment (WUPPE), Space Astronomy Laboratory, University of Wisconsin-Madison

Instructor of Physics and Astronomy, 1983 – 1986

Concordia College, Moorhead, MN

- ♦ Taught all levels of physics and astronomy courses
- ♦ Introduced and taught an interdisciplinary, multicultural course on archaeoastronomy and led a trip to the Yucatan Peninsula to study Mayan sites as part of the course
- ♦ Introduced and taught a graduate level/upper division course on Theoretical Astrophysics that was open to students from North Dakota State University, Moorhead State University, and Concordia College
- ♦ Offered two *Commiversity* courses for the general public on astronomy topics
- ♦ Developed and presented the *Physics Road Show* to take physics demonstrations to high schools that involved presentations by Concordia students

UNIVERSITY SERVICE

President's Advisory Committee on the Roles of UW System Administration, 2011
Co-Chair, University of Wisconsin System Taskforce on Prior Learning Assessment, 2010 – 2011
UWSP Strategic Planning Committee, 2010 – 2011
University of Wisconsin System Chancellors' Committee on the Research to Jobs Applied Research Centers, 2009
Plenary Panel speaker at UW System's Institute on Race and Ethnicity Conference *Supporting and Retaining Diverse Faculty*, April 2009
University of Wisconsin System Provosts' Growth Agenda Committee on Public Policy Forums 2008
Chair, Review of the UWSP Natural History Museum Taskforce, 2007 – 2008
Chair, SCSU Committee on General Education for the Higher Learning Commission Accreditation Self Study, SCSU, 2005 – 2007
Committee on University Governance for the Higher Learning Commission Accreditation Self Study, SCSU, 2005 – 2007
Committee on the Mission for the Higher Learning Commission Accreditation Self Study, 1997
Co-Chair, University Taskforce to Develop the New Student Orientation Program, 2006 - 2007
Co-Chair, University Taskforce on the Formation of a University College, 2006 – 2007
Co-Chair, University Taskforce on Retention, co-authored the *Plan for Enhancing Student Success at St. Cloud State University, 2006-2013*, 2005 – 2006
University Strategic Planning Committee, 2004 – 2007
University Assessment Steering Committee, 2004 – 2007
University Enrollment Management Committee, 2004 – 2007
Students of Color Recruitment and Retention Committee, 2004 – 2007
Chair, University Taskforce on International Student Issues, 2006 – 2007
Working Group to Revise the Faculty Professional Development and Evaluation Process, 2000 – 2004
Ad Hoc Committee to Review Faculty Non-Retention Decisions, 2000 – 2001
Ad-Hoc Committee to Review Allegations of Favoritism and Retaliation, 2003
Co-Facilitator of the Hate Crimes Forum, 1998 – 2000
Secretary, Faculty Senate, 1997 – 2000
Faculty Association Executive Committee, 1997 – 2000
Faculty Senate, 1996 – 2004
Chair, University's General Education Curriculum Committee, 1998 – 1999
University's General Education Curriculum Committee, 1996 – 1999
Chair of the General Education Taskforce to Develop the Racial Issues Curriculum, 1997 – 1998
Co-Chair, University Taskforce for Review of the Multicultural, Gender, and Minority Curriculum and Creation of the Diversity Curriculum, 1999 – 2000
Chair, College of Science and Engineering Work Agenda Committee, 2001, 2003
Chair, College of Science and Engineering Strategic Planning Committee, 1999 – 2001
College of Science and Engineering Curriculum Committee, 1994 – 1996
Co-Chair of the University Faculty/Staff Campaign for the SCSU Foundation, 2005
Co-Chair of College of Science and Engineering Faculty Campaign for the SCSU Foundation, 2000, 2001, and 2002
Faculty advisor to various student clubs including the SCSU and Concordia College Physics Clubs, and Concordia's AH-KE (outdoor society)

PUBLIC SERVICE

Chair, Marshfield Clinic Research Foundation Board of Trustees, 2011 – present
Marshfield Clinic National Advisory Board, ex officio member, 2011 – present
Vice Chair, Marshfield Clinic Research Foundation Board of Trustees, 2010 – 2011
Marshfield Clinic Research Foundation Board of Trustees, 2009 – present
City of Stevens Point, WI Police and Fire Commission, 2010 – 2011
Laird Endowment Advisory Committee, ex officio member, 2009 – 2010
UWSP Paper Science Foundation Board of Directors, ex officio member, 2009 – 2010
Portage County Business Council Board of Directors, 2009 – 2010
President, Eagle Pointe Lake Association, 2008 – 2011
International Director for the Central Minnesota Regional Science Fair and Research Paper Program, 1997 – 2007
Director of Judging for the Central Minnesota Regional Science Fair and Research Paper Program, 1996
Faculty Mentor in the Minority Studies Science Discovery Camp for Underrepresented High School Students, part of the Pipeline Summer Camps Project at SCSU, 1999 – 2000
Presenter for the Math-Science-Computer Camp for Underrepresented grade 3 through 8 students, part of the Pipeline Summer Camps Project at SCSU, 1991 – 2004
Public Observing Nights, 1981 – 2007
Planetarium shows, Iowa State University, 1980 – 1983
Concordia College (Planetarium at Moorhead State University) 1983 – 1986
St. Cloud State University, 1990 – 2007
Workshops on *Astronomy in the Classroom* for K-12 educators, 1985 – 2002
K – 12 classroom discussions and demonstrations of physics and astronomy topics, 1983 – 2007
Developer of and Presenter for *Astronomy in the Parks* programs for the Minnesota State Parks, 1993 – 2007
Advisor to the Minnesota State Parks to develop astronomy materials for the naturalists' programs, 1993 – 1997
Author of *The Celestial Connection*, a monthly informational phone message on astronomy sponsored by the Friends of UW Astronomy, University of Wisconsin-Madison, 1986 – 1989
Radio and television interviews for special events (e.g. comets Halley, Hyakutake, and Hale-Bopp, Solar and Lunar eclipses, upcoming public nights at the observatory and/or planetarium, etc.), 1983 – 2007
Co-developer and author of initial segments of "Backyard Astronomy" a series of three minute educational segments for public television on various topics related to astronomy, produced by WHA television, Madison, WI

PUBLICATIONS

Refereed Publications

- Wolff, Michael J., Nordsieck, Kenneth H., & Nook, Mark A., 1996, AJ 111, 856, "A Medium-Resolution Search for Polarimetric Structure: Moderate Y Reddening Sightlines."
- Bjorkman, K.S., et al. 1991, ApJL, 383, L67, "First Ultraviolet Spectropolarimetry of Be Stars from the Wisconsin Ultraviolet Photo-Polarimetry Experiment."
- Schulte-Ladbeck et al. 1991, ApJ, 382, 301, "On the Wind Geometry of the Wolf-Rayet Star EZ Canis Majoris."
- Schulte-Ladbeck, R.E., et al. 1990, ApJL, 365, L19, "A Rotating, Expanding Disk in the Wolf-Rayet EZ CMa?"
- Nook, M.A., Cardelli, J.A., & Nordseick, K.H. 1990, AJ, 100, 2004, "Polarimetric and Spectroscopic Observations of RV Tauri Stars."
- Nook, M.A. & Cardelli, J.A. 1989, ApJL, 346, L29, "The Detection of an IR excess Toward the Globular Cluster RV Tauri Variable M28 V17."
- Stanford, S.A., et al. 1988, ApJL, 325, L9, "R Coronae Borealis Dust Ejections: A Preferred Plane?"

Published Educational Resource Materials

- Nook, Mark A., *Student Guide for Seeds' Horizons: Exploring the Universe 8th Edition*, Brooks/Cole Publ., Belmont, CA, 2004.
- Nook, Mark A., *Instructor's Resource Manual for Seeds' Astronomy: The Solar System and Beyond Seventh Edition* Brooks/Cole Publ., Belmont, CA, 2005.
Sixth Edition Brooks/Cole Publ., Belmont, CA, 2003.
Fifth Edition Brooks/Cole Publ., Belmont, CA, 2001.
Fourth Edition Wadsworth Publ., Belmont, CA 1999.
- Nook, Mark A., Instructor's Edition Insert for Michael Seeds' *Astronomy: The Solar System and Beyond Seventh Edition* Brooks/Cole Publ., Belmont, CA, 2005.
Sixth Edition Brooks/Cole Publ., Belmont, CA, 2003.
Fifth Edition Brooks/Cole Publ., Belmont, CA, 2001.
Fourth Edition Wadsworth Publ., Belmont, CA 1999.
- Nook, Mark A., *Instructor's Resource Manual for Seeds' Foundations of Astronomy 8th Edition* Brooks/Cole Publ., Belmont, CA, 2005.
7th Edition Brooks/Cole Publ., Belmont, CA, 2003.
5th Edition Wadsworth Publ., Belmont, CA 1999.
4th Edition Wadsworth Publ., Belmont, CA 1997.

Nook, Mark A., Instructor's Edition Insert for Michael Seeds' *Foundations of Astronomy*
8th Edition Brooks/Cole Publ., Belmont, CA, 2005.
7th Edition Brooks/Cole Publ., Belmont, CA, 2003.
5th Edition Wadsworth Publ., Belmont, CA 1999.

Nook, Mark A., *Instructor's Resource Manual for Seeds' Horizons: Exploring the Universe*
8th Edition Brooks/Cole Publ., Belmont, CA, 2004.
7th Edition Brooks/Cole Publ., Belmont, CA, 2002.
6th Edition Brooks/Cole Publ., Belmont, CA, 2000.
5th Edition Wadsworth Publ., Belmont, CA 1998.

Nook, Mark A., Instructor's Edition Insert for Michael Seeds' *Horizons: Exploring the Universe*
8th Edition Brooks/Cole Publ., Belmont, CA, 2004.
7th Edition Wadsworth Publ., Belmont, CA, 2002.
6th Edition Wadsworth Publ., Belmont, CA, 2000.
5th Edition Wadsworth Publ., Belmont, CA 1998.

Clark, R. Kent and Nook, Mark A., *Instructor's Resource Manual for Seeds' Foundations of Astronomy*,
Sixth Edition Brooks/Cole Publ., Belmont, CA, 2001.

Professional Presentations and Non-Refereed Publications and Abstracts

"Astronomical Research Collaboration in Area High Schools", 2001, Education Workshop at ASP Meeting.

"DOING Astronomy in High Schools", 2000, BAAS, 32, 1559.

"Great IDEAS: Telescopes, Computers, and Education", 1999, BAAS, 31, 940.

"Science, Scientists, and Our Social Responsibility", 1999, Midwest Sociology Society Annual Meeting.

"Infrared and Optical Photometry of RV Tauri Variables." 1994, BAAS, 26, 1211
Published with students Frank Degleman and Jon Herringer

"Polarimetric Observations of Luminous High-Latitude Stars." 1993, in *Luminous High-Latitude Stars*,
ed. Dimitar Sasselov, ASP Conference Series, San Francisco, CA.

"Spectropolarimetry of AC Her, R Sct, and U Mon." 1992, BAAS, 24, 1138.

"Spectropolarimetric Observations of ζ Tau." 1990, BAAS, 22, 857.

"Time Dependent Spectropolarimetry of the Wolf-Rayet star EZ CMa." 1990, BAAS, 859.

"Polarization in the Envelopes of Wolf-Rayet Stars." 1990, BAAS, 22, 1201.

"Spectropolarimetric Variability in the Be Star π Aqr." 1990, BAAS, 22, 1201.

"Time Dependent Spectropolarimetry of Red Long Period Variables at the Pine Bluff Observatory." 1990,
BAAS, 22, 1209.

"M28 V17: A Post-Asymptotic Giant Branch RV Tauri Star." 1990 in *Cool Stars, Stellar Systems, and the Sun*, Sixth Cambridge Workshop, ed. George Wallerstein, Astronomical Society of the Pacific Conference Series Volume 9, San Francisco, CA.

"Spectropolarimetry of Be Stars." 1989, BAAS, 21, 743.

"Combined Visible-Ultraviolet Spectropolarimetry using WUPPE Data." 1989, BAAS, 21, 743.

"Spectropolarimetry of the Supergiant κ Cassiopeiae (B0.7Iae var.)." 1989, BAAS, 21, 743.

"Spectroscopic and Polarimetric Observations of AC Her and UU Her." in IAU Colloquium No. 106, *Evolution of Peculiar Red Giant Stars*, ed. H.R. Johnson and B. Zuckerman, Cambridge Univ. Press, Cambridge, England.

"Spectropolarimetry of RV Tauri Stars." 1988, BAAS, 20, 672.

"A Polarimetric Perspective on the Close Binaries HD207739 and HD37453." 1988, BAAS, 20, 736.

"Polarization Variations in the Wolf-Rayet Binary HD193793." 1988, BAAS, 20, 738.

"Polarimetry of the Wolf-Rayet Star WR136=HD192163, WN6(SB1)." 1988, BAAS, 20, 1013.

"Spectropolarimetry of Nova Cygni, 1986." 1987, BAAS, 19, 753.

"Spectropolarimetry of R Corona Borealis during 1986 - 1987." 1987, BAAS, 19, 754.

Academic Reports and Presentations

Higher Education in the United States, 2010, Beijing Forestry University, Beijing, China and Hunan Agricultural University, Changsha, China.

Using Peer Mentors to Support Learning, 2007, Nelson Mandela Metropolitan University, Sumerstrand, South Africa.

Plan for Enhancing Student Success at St. Cloud State University 2006 – 2011, 2006,
Co-chair of the taskforce to develop retention initiatives for the university. Co-author

Developing First Year Experience Programs, 2005, Minnesota State Colleges and University
CAO/CSAO/Deans Conference.

Professional Development and Evaluation Procedures, 2003 for St. Cloud State University. Served on joint faculty/administration committee that rewrote the procedures for all faculty members on campus. Lead author

College of Science and Engineering 2002 Work Agenda, 2002, for College of Science and Engineering at St. Cloud State University.
Chaired the strategic planning committee that drafted the work agenda. Lead author

Non-Retention Report, 2001. Report from Ad-hoc Faculty Senate committee on non-retention of faculty members. Report submitted to St. Cloud State University President and Faculty Senate. Co-author

College of Science and Engineering Strategic Plan 2000, 2000, St. Cloud State University.
Chaired the strategic planning committee that drafted the plan. Co-author

Diversity Curriculum, 2001 for St. Cloud State University.
Chaired the University's Taskforce on Multicultural, Gender and Minorities Curriculum that drafted the curriculum. Lead Author

Racial Issues Curriculum, 1999 for St. Cloud State University.
Co-chaired the University's General Education Curriculum Committee that drafted the curriculum. Lead Author