

**Anthony P. Blose**  
318 E. Spruce St.  
Sault Sainte Marie, MI 49783  
(906) 635-2698 office  
(906) 379-0065 – home  
E-mail: [ablose@lssu.edu](mailto:ablose@lssu.edu)

## **Administrative Highlights**

### **Lake Superior State University (2007-present)**

#### **Provost and Vice President for Academic Affairs (6/09-present)**

- Chief academic officer of the University; responsible for all academic programs and overseeing all academic budgets
- Supervise four College Deans and Dean of Academic Services
- Responsible for promotion, tenure, and reappointment of faculty decisions
- Supervise Departments of Human Resources and Information Technology
- Responsible for Regional Centers in Petoskey, Gaylord, and Escanaba, MI
- Responsible for seven Charter Schools throughout the state of Michigan
- Member of President's Cabinet
- Campus leader of Higher Learning Commission (HLC) re-accreditation effort; preparing self-study for a Fall 2010 visit
- Chair of Curriculum Committee; member of General Education Committee
- Led a committee that created a Shared Governance structure for the University; implemented the Shared Governance system in Fall 2009
- Planning and coordinating the opening of a new Regional Center in Dearborn, MI

#### **Founding Dean College of Science, Technology, Engineering, and Mathematics (7/08-6/09)**

#### **Dean, College of Natural and Mathematical Sciences (8/07-7/08)**

- Responsible for leadership, management, and administration of academic programs in Division of Chemistry, Environmental Sciences, Geology, and Physics, the Departments of Biological Sciences, Engineering and Technology, Mathematics and Computer Science. The Prototype Development Center (PDC), Aquatic Research Laboratory (ARL), and Environmental Analysis Laboratory also fall within my administrative purview.
- Responsible for coordinating the LSSU-South Campus program in Gaylord, MI, which will begin instruction in fall 2009. STEM programs will be offered at the Gaylord University Center, greatly increasing the service area of LSSU.
- Responsible for establishing a campus-wide Assessment plan.
- Recruit, interview, and recommend prospective faculty. Evaluate faculty performance and make retention, promotion, and tenure recommendations. Administer collective bargaining agreements.

- Recruit, advise, and counsel students, and mediate problems between students and faculty.
- Develop, coordinate, and maintain relationships with internal and external constituents. Provide leadership for fundraising and development efforts for the College. Currently conducting a nine million dollar capital campaign to refurbish Aquatic Research Laboratory.
- Support excellence in teaching, research, scholarship, and service.
- Prepare and administer the budgets and payroll within the College.
- Provide leadership in development and strategic planning for the College.
- Instituted new undergraduate programs in Applied Geographic Information Studies, Conservation Biology, and Fish Health.
- Serve on General Education Committee - Currently constructing and revising assessment procedures for the General Education program
- Chair of Human Subjects Internal Review Board (IRB)
- Member of Higher Learning Commission (HLC) Re-accreditation Steering Committee. Preparing Criterion Chapter of self-study on “Student Learning and Assessment” for a 2010 HLC visit.

### **University of North Alabama (1991 – 2007)**

#### **Chair and Professor, Department of Physics and Earth Science (1998 – 2007)**

- Hired, managed, and evaluated a department of seven full-time faculty members, plus four adjuncts, secretary, and student workers
- Managed department budget and academic programs
- Engaged in fundraising, outreach, recruitment, and retention efforts
- Responsible for preparation of departmental annual report

#### **Director – UNA Planetarium (1999 – 2007)**

- Presented Planetarium shows (30 per year) for school groups, scout groups, church and civic organizations, and for the general public.
- Responsible for selecting show material, ensuring its compatibility with planetarium equipment, as well as improving facilities. Presented a “Tonight’s Sky” segment for every show.
- Supervised student workers at the UNA Observatory. Present special programs for the public, including an annual holiday show.
- Engaged in fundraising to upgrade Planetarium with modern multimedia equipment and shows.

#### **President – UNA Faculty Senate (2004-05)**

- Strongly advocated for and won a prominent position for the Faculty Senate in the University’s Shared Governance Structure. Ensured that faculty would retain primacy

in academic matters by majority representation on Academic and Student Affairs Committee.

- Worked closely with President William Cale in addressing issues and concerns regarding the current implementation of the Americans with Disabilities Act (ADA);
- Oversaw committee recommendations for improvements in the Promotion and Tenure Policy, the Readmissions Policy, the final exam schedule, and preliminary discussions regarding the Attendance policy;
- Worked very productively with Interim President Garry Warren, President William Cale, and Vice President for Academic Affairs and Provost Roosevelt Newson, as well as faculty and staff.

**Chair – Strategic Planning and Budget Study Committee (2005-06)**

- This committee is responsible for making recommendations regarding University budget allocations and expenditures, as well as formulating and modifying a strategic plan for the University as a whole. It is comprised of staff, faculty and administrators and is widely recognized for achieving a greater understanding of the budget and for making sound recommendations regarding budget allocations.

**Chair - Academic Affairs Committee of the Faculty Senate (2005-06)**

- This committee makes recommendations to the Faculty Senate regarding academic issues and policies such as readmissions, course withdrawal, class attendance, ADA procedures, and scheduling.

**Chair – Inauguration Committee (2005)**

- Responsible for coordinating efforts to produce an Inauguration for new UNA President William Cale, including the ceremony, celebration, student musical showcase, and faculty scholarly presentations in conjunction with the Inauguration as well as the 175<sup>th</sup> anniversary of the University of North Alabama.

**Chair – Shared Governance Nominating Committee (2002)**

- Led recruiting effort for faculty membership on all Shared Governance Strategic and Task committees. Solicited and recruited a number of veteran faculty members to join committees in support of the shared governance effort. Submitted slate of more than 100 nominees to the Faculty Senate, which submitted them to the President.

**Chair – Subcommittee of Steering Committee for Southern Association of Colleges and Schools (SACS) Re-accreditation Effort (1999 - 2002)**

- Committee prepared a self-study document for the purpose of reaffirmation of SACS accreditation. I wrote the chapter on Faculty Preparation. Personally conducted numerous interviews, and assimilated information from interviews conducted by other

committee members. Coordinated activities of 15 sub-committee members. UNA was successfully re-affirmed in December, 2002. As a result of this committee's work, several MFA degrees are now recognized as terminal degrees at UNA. Worked diligently with Chair and other members of Steering Committee to assemble a lengthy self-study document.

#### **Chair – Grievance Committees (2) (2003)**

- I have chaired two separate grievance committees and conducted two grievance hearings and have written the opinion for each case and made recommendations to the President.

#### **Chair – Promotion Review Committee (1997-98)**

- This committee was charged with evaluating and modifying the university's promotion policy. Substantial modifications were deemed necessary, and I was lead author of the promotion policy that was ultimately adopted by the UNA administration. (1997-98)

### **Teaching**

- **Professor of Physics (2005- 2007)**
- **Associate Professor of Physics (1998- 2005)**
- **Assistant Professor of Physics (1991-1998)**
- **I have taught every Physics and Astronomy lecture and laboratory course offered by the Department of Physics and Earth Science.**
- **Elementary courses:** Interactive Physics, General Physics, Technical Physics, Physics of Sound and Light, and Descriptive Astronomy.
- **Advanced courses:** Classical Mechanics, Statistical Mechanics, Modern Physics, Quantum Mechanics, Biophysics, Methods of Theoretical Physics, Optics, Electricity and Magnetism, and Intermediate Physics Laboratory.
- **Research projects:** I have supervised student research projects in the Directed Research course in CCD Astronomy, Optical Tweezers, and Astronomy Education.
- **Independent Study courses:** I have provided independent study courses in Advanced Quantum Mechanics and Advanced Statistical Mechanics.

### **Scholarship**

#### **Astronomy / Physics Education**

- **Blose, A.**, “Assessment of Student Performance and Error Rates in Descriptive Astronomy”, Presented at the Alabama Academy of Sciences Meeting, March 2005.
- Carnevali, **A.**, **Blose, D.** Curott, Proc. of Conference on the Introductory Physics Course, RPI, 1993. (presented by A. Carnevali).
- Carnevali, **A.** **Blose, D.** Curott, “How Effective is MBL Methods in Teaching Kinematics and Dynamics?” presented at SESAPS, Nov. 1994 by A. Carnevali.

### **Optical Tweezers**

- D. B. Thomson, T. Steinke (student), **A. Blose**, “Optical Tweezers: Construction of a Single Beam Optical Trap”, University of North Alabama, Alabama Academy of Sciences Meeting in March, (2004).

### **Consultant – Educational Testing Service (ETS) Princeton, NJ**

- Served on committee that revised the **MFT Physics** (exit exam) in 2003. Contributed questions, solutions and reviewed all contributed questions. Final version was approved and employed in 2004. Contributed questions and solutions for the **GRE Advanced Physics** exam (2004).

### **Book reviews**

- **University Physics**, by Reese, Brown Publishing Company, Chapters 27-32 (2002).
- **Asking About Astronomy**, by Snow and Brownsburger, Prentice Hall, Chapters 1-5. (2003), Chapters 13-18 (2003), Chapters 19-22 (2004).

### **Silver Bromide (AgBr) Publications (at UNC Chapel Hill)**

- Effects of Surface Treatments on Sub-Surface Space Charge of AgBr Thin Films, *Journal of Imaging Science*, 29, 39 (1985).
- Experiments on the Ionic Space Charge in Silver Halide Crystals, *World Sci. Publications*, p. 167 (1984).
- Studies of the Near-Surface Ionic Space Charge in Silver Halide Crystals, *Radiation Effects*, 75, 1 (1983).

### **Publication for Reaffirmation of Accreditation by SACS**

- Section IV-D Faculty Selection and Related Issues (2002)

### **General Audience Presentations**

- “Investigating the Universe – Part II” presented to the Institute for Learning in Retirement at UNA. (2001)
- “Investigating the Universe – Part I” presented to the Cherokee Lions Club and to the Institute for Learning in Retirement at UNA (2000)
- “Origin of the Universe” presented to the Institute for Learning in Retirement at UNA (1997) and to the Cherokee Lions Club (1996)
- Numerous television, radio, and newspaper interviews concerning Astronomy, Astronomical occurrences and UNA Planetarium and Observatory offerings.

## **University and Community Service**

**Faculty Senate** (1993-2006)

**Faculty Senate Executive Committee** (1997-98, 2003-2006)

**Faculty Senate President-elect** (2003-2004)

**Strategic Planning and Budget Committee** (2002-2006).

**Vice-Chair** (2004-05).

**Academic and Student Affairs Committee** (2005-2007)

**Ad Hoc Committee for Preliminary Planning for the new Science Building**

**Ad Hoc Salary Study Committee** (2005-2006)

**Vice President for University Advancement Search Committee** (2006-07)

**Associate Vice President for Advancement Search Committee** (2005-06)

**Vice President for Academic Affairs Search Committee** (2003).

**Senate Committee on Recruitment and Retention** (2002-03)

**Faculty Affairs Committee** (1994-97 and 1998-2000). (Chair: 1996-97)

**Senate Legislative Liaison Committee** (1998-99)

**Homecoming Committee** (1994-1999)

**Research Committee** (1993-1999)

**University Curriculum Committee** (1994-1996)

**UNA Handbook Committee** (1999-2002)

**Faculty Advisor – Society of Physics Students** (1991-2001)

**Faculty Advisor – Sigma Pi Sigma (Physics Honor Society)** (1999 – present)

## **AT&T Bell Laboratories (1985-1991)**

### **Member of Technical Staff**

Duties included systems engineering for a variety of classified government and military projects in Command, Control, Communication and Intelligence as well as Underwater Acoustics and Signal Processing. Work was at a Top Secret / Special Access classification, hence the nature of the projects and technical memoranda produced are classified.

**University of North Carolina (1979-1985)**

Research Assistant - Solid State Physics (1981-1985)

Teaching Assistant - Physics and Astronomy (1979-1980)

**Education**

- Ph.D. Physics, **University of North Carolina, Chapel Hill**, 1985.  
Dissertation: Surface Treatments of Silver Halide Thin Films.
- M.S. Physics, **University of North Carolina, Chapel Hill**, 1982.
- B.S. **Manhattan College**, Bronx, NY, 1979, Cum Laude.  
Major: Physics; Minor: Mathematics.

**Memberships and Honors**

UNA Faculty Award for Service (2006)

Phi Kappa Phi Honor Society - Elected by UNA Faculty

Sigma Pi Sigma, Physics Honor Society

Alpha Lambda Delta (Freshman Honor Society) - Elected by UNA students

American Physical Society

Sigma Xi, Scientific Research Society

American Association of University Professors (AAUP)

President – (1998-1999)

**Personal:** Married, two children.

**Miscellaneous:**

Certified Hockey Coach – USA Hockey

Coach – Underwood Dixie Youth Baseball, Sault Area Little League

Hobbies: Play piano and guitar; athletic conditioning

**References:** Please refer to attached list.