

Recommendations for Tenure and Promotion 2012 – 2013

MAIN CAMPUS

Tenure

College of Engineering

Daniel Georgiev

Electrical Engineering & Computer Science

College of Languages, Literature & Social Sciences

Sumitra Srinivasan

Communication

Bhuiyan Alam

Geography & Planning

College of Law

Kenneth Kilbert

Law

College of Natural Sciences & Mathematics

Bruce Bamber

Biological Sciences

Maria Diakonova

Biological Sciences

Thomas Bridgeman

Environmental Sciences

Michael Weintraub

Environmental Sciences

John D. Smith

Physics & Astronomy

College of Visual & Performing Arts

Cornel Gabara

Theatre & Film

Judith Herb College of Education, Health Science & Human Service

Richard Johnson

Criminal Justice & Social Work

Susanna Hapgood

Curriculum & Instruction

Tavis Glassman

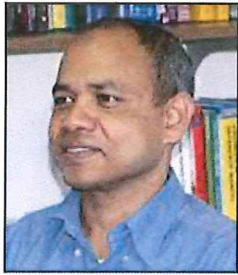
Health & Recreation Professions

Jiunn-Jye Sheu

Health & Recreation Professions

Candidates for Tenure

Office of the Provost | 2012



Bhuiyan Alam, Ph.D.

College of Literature, Language and Social Science

Department of Geography and Planning

Research Focus Area: Transportation Planning

Bhuiyan Alam provided his class with an experiential learning opportunity on a Toledo area-wide planning project focusing around the old Jeep Plant, just northwest of the downtown core. He and his class worked with Connecticut-based company, Vita Nuova, LLC (a firm funded by United States EPA to coordinate efforts of bringing together experts and stakeholders to create positive action) in providing technical assistance to identify catalysts and opportunities for sustainable downtown redevelopment. During class time, via webcast each Thursday, the class and the firm coordinator(s) discussed the project and the students' progress in obtaining information and data about the study area. A primary outcome of the students' work is a sophisticated GIS mapping tool. GIS mapping is proving to be an excellent tool for visually identifying possible opportunities and synergies in the study area. Vita Nuova has since hired one of Alam's students from the class to provide additional project research.



Bruce Bamber, Ph. D.

College of Natural Sciences and Mathematics

Department of Biological Science

Research Focus Area: Molecular Neurobiology

UT 2011 Faculty Excellence Award winner Bruce Bamber collaborates with a fellow faculty member co-teaching a core graduate course, Research Methods. Bamber has brought web mediation technology into all his classes. Turning Point Anywhere software helps students test themselves to improve learning performance. He directs undergraduate students performing research in his laboratory. The extra time he has spent mentoring and collaborating led to some impressive student outcomes: An honors student serving as lead author on a publication, his Ph.D. student was awarded the UT Graduate Fellowship and another graduate student won the prize for the best poster on Synaptic Functions at the 2009 International Caenorhabdits elegans meeting.



Thomas Bridgeman, Ph.D.

College of Natural Sciences and Mathematics

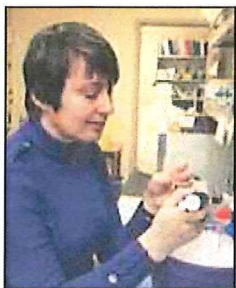
Department of Environmental Science

Research Focus Area: Great Lakes Limnology

Thomas Bridgeman, a former Peace Corps high school teacher, team teaches the advanced aquatic ecology course; he brings real world examples to the classroom. In Spring 2011, he took his online marine biology class to an optional Saturday behind the scenes tour of the Toledo Zoo Aquarium. And while teaching biodiversity online to pre-nursing students, Bridgeman and a fellow faculty member, who was teaching the face-to-face biodiversity class, digitally recorded his lectures using ECHO 360 lecture capture technology. They coupled the lectures with interactive online course information and homework assignments to complete the class structure. Face-to-face students also had access to the online materials.

Candidates for Tenure

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Maria Diakonova, Ph.D.

College of Natural Sciences and Mathematics

Department of Biological Sciences

**Research Focus Area: Molecular Biology, Signal Transduction
and Actin-Dependent Cellular Function**

Maria Diakonova mentors graduate and undergraduate research students. Her effectiveness at communicating with young scientists can be seen in the following examples: One of her Ph.D. students delivered an award-winning presentation at the 2011 Midwest Graduate Research Symposium. And one of her undergraduate students won first prize at the 2001 Biological Science Spring Undergraduate Research Symposium. Her students often present at the National Conference for Undergraduate Research. Diakonova also received the College's 2011 Faculty Excellence Award.



Cornel Gabara, MFA

College of Visual and Performing Arts

Department of Theatre and Film

Research/Creative Activity: Acting and Directing

Founder of the Glacity Theatre Collective, Cornel Gabara makes theatre relevant to other important fields and disciplines. He has interacted with Dr. Vivian Moynihan's medical training course and he developed and taught a Department of Music class in movement and music for conductors. He was also instrumental in the realization of video training materials for the Lucas County Court of Common Pleas Juvenile Division. Scenes were produced for use in working with teens struggling with domestic violence issues. Gabara's play, "Every Good Boy Deserves Favour," through Glacity production, traveled with the Toledo Symphony to Carnegie Hall in New York City to perform at the 2011 spring Music Festival.



Daniel Georgiev, Ph.D.

College of Engineering

Department of Electrical Engineering and Computer Science

Research Focus Area: Glasses and Glassy Semiconductors

Daniel Georgiev developed and taught four new courses for the Department of Electrical Engineering and Computer Science: Electromagnetics, Compound Semiconductors and Devices, Electro-Optics, and Microwave Electronics. The last two classes are cross-listed in other departments as technical electives, increasing the popularity of this course and noting the importance of the subject matter. He mentors graduate and undergraduate research students and served as the IEEE Student branch counselor for the ECEE Department. Georgiev involves students in his research, resulting in a student getting two published/accepted conference papers and an accepted journal paper and a new journal paper submission. Another research project includes use of simulation/modeling with optical analysis/design tools (such as Zemax EE and Photopis), with focus on specific technical/engineering problems; student researchers are gaining a hands-on experience.

Candidates for Tenure

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| 2012



Tavis Glassman, Ph.D.

Judith Herb College of Education, Health Science and Human Service

Department of Health and Recreation Professions

**Research Focus Area: Prevention of Alcohol and Drug Abuse
among College Students**

Student Impact Award winner Tavis Glassman encourages his students to take an active role on campus as change agents. He links his research to teaching and engaging his students. Glassman works with UT's Student Affairs as a consultant regarding prevention initiatives. He speaks with UT students as soon as they arrive on campus during Rocket Orientation programs. As director of the Office of Alcohol and Substance Abuse Prevention, Glassman made 180 presentations in 2010-11. He worked as a vital team member with others across campus, helped to change UT's smoking policy and a medical amnesty policy. Glassman recruited UT to participate in a national study involving an online alcohol course required to be taken by all first year students and he recruited UT to participate in a national study training parents of college students on how to discuss drug and alcohol issues with their children.



Susanna Hapgood, Ph.D.

Judith Herb College of Education, Health Science and Human Service

Department of Curriculum and Instruction

Research Focus Area: Literacy and the Literacy & Science Relationship

Susanna Hapgood considers her teaching as a form of action research. Consistently revising courses based on the latest literature; feedback and evidence from student's work. Her assignments are structured to guide student efforts, but these is also a degree of choice intended to enhance a student's sense of being an essential partner in shaping their own learning experiences. She infuses technology in her classes with use of audiovisual materials, web-quests, examination and participation in online educational simulations. She encourages students to incorporate new literacies in their project work, such as creating websites, podcasts and online animations. Hapgood takes her passion outside of the classroom. She is involved in a community tutoring program for struggling young readers in which she oversees undergraduate tutors. Hapgood mentors graduate and undergraduate students. One of her doctoral students received the College's Outstanding Dissertation Award. Her research studies the relationship between how children learn and how teachers best prepare for teaching children. Her work is extremely important for furthering teacher educators knowledge of comprehension instruction in both elementary and secondary education.



Richard Johnson, Ph.D.

Judith Herb College of Education, Health Science and Human Service

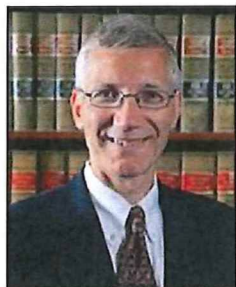
Department of Criminal Justice

Research Focus Area: Policing

Richard Johnson received the College's Outstanding Undergraduate and Graduate Teaching Awards in 2011, the first time a faculty member has won both awards during the same year. He makes presentations to community groups and provides pro bono research to schools implementing a valuable faculty and staff mentor program to help them understand the concerns of youth and their families. Johnson brings his firsthand experiences to his classrooms: he served as a U.S. Air Force military police officer, Indiana state police trooper, credit fraud investigator, intensive probation officer and a criminal investigator for the Illinois state's attorney office, sharing a mix of professional experience and theory. He connects course material with real-life situations. He tries to present course material in a three-step method: explanation (lecture, PowerPoint), demonstration (video clip, personal story, guest speaker) and practical application exercises (role-playing, lab project, writing assignment, out-of-class community assignment). Students turn a concept from lecture into a personal experience. Also, Johnson participated in the pilot project Course Signals II student performance tracking project. His course utilizes special software, tutors, and frequent one-on-one faculty-student interactions to attempt to increase freshman retention.

Candidates for Tenure

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Kenneth Kilbert, JD

College of Law

Research Focus Area: Environmental Law, Great Lakes

Kenneth Kilbert is engaging his students by working with them to co-author a white paper on the Legal Tools for reducing harmful algae blooms in Lake Erie, an interdisciplinary research and public outreach project pursuant to 2011 National Sea Grant Law Center. He is the advisor to Environmental Law Society student organization and Environmental Law Moot Court team. He is also co-editor of the *Environmental Litigator* (twice named Outstanding Newsletter Editor 2009-10, 2007-08) by the ABA Section of Litigation. He serves on the Lake Erie Center Education & Outreach Advisory Board (2007-present) and as director for the Legal Institute of the Great Lakes. In addition, Kilbert coordinated the highly successful annual Great Lakes Water Conference, gaining favorable publicity for the College of Law and enhancing their and UT's national reputation.



Jiunn-Jye Sheu, Ph.D.

Judith Herb College of Education, Health Science and Human Service

Department of Health and Recreational Professions

Research Focus Area: Substance and Tobacco Use and Prevention among Youth

Jiunn-Jye Sheu is an expert in advanced techniques on information and communication technology for health behavior research and intervention. Sheu believes that technology has become necessary in facilitating learning, and gives students intensive digital multimedia skill building on presentations. He utilizes research technology, web-based database, handheld scanners, PDAs, high speed auto-feed scanners, web-based surveys, along with applied multivariate statistics on several projects. Sheu finds creative ways to engage students in the classroom, reviewing study materials before an exam in the form of the baseball game. He is the chair elect of the Health Informaics Information Technology Section of the American Public Health Association (APHA). He served on the National Commission for Health Education Credentialing, a national credentialing agency for health education.



John D. Smith, Ph.D.

College of Natural Sciences and Mathematics

Department of Physics and Astronomy

Research Focus Area: Infrared Astronomy

John D. Smith has been cited many times in *Astrophysical Journal*, the leading journal in astronomy and astrophysics. Smith believes that mentoring and hands-on research is an important form of education. He brings this attitude to his own student mentoring. He involved undergraduate students in his research through NSF Research Experience for Undergraduates program (RUE). A recent student of his won the C.V. Wolfe Scholarship in the Natural Sciences in part due to his research accomplishments. Smith is successful at teaching large lectures using cutting edge techniques. He offers all course homework through an interactive website and provides live online grade information, lecture notes and exam preparation materials. He also infuses technology into the classroom through the use of a thermal infrared camera. He obtained the special camera through an outreach grant from the Astronomy Society of the Pacific, to discuss electromagnetic spectrum.

Candidates for Tenure

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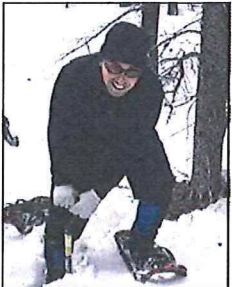
Sumitra Stinivasan, Ph.D.

College of Literature, Language and Social Sciences

Department of Communications

**Research Focus Area: Interdisciplinary Perspectives toward
Communication Hierarchies and Patterns**

Sumitra Stinivasan enhances her classroom by using a class blog to discuss communication theory. Stinivasan incorporates service learning in to the classroom, connecting students and the academic projects with the local communities. In her visual communication class, students received an opportunity to work in a real-time environment collaborating with area non-profits to create print and digital media to increase awareness of certain issues of inner city neighborhoods, while building campus-community partnerships. She identified the community partners, tying student interest with community needs. She is actively involved in educational outreach by serving on the Visual Communication Community Project, a collaboration with inner city high schools and local non-profit organizations and UT. She helped to create the he Community Based Learning Center at Woodward High School.



Michael Weintraub, Ph.D.

College of Natural Sciences and Mathematics

Department of Environmental Sciences

Research Focus Area: Soil Microbiology & Ecology

Michael Weintraub worked with a team of faculty members to transform the course Down to Earth: Introduction to Environmental Sciences. He received a UT Course Transformation Fellowship (summer 2009) where he integrated active learning experiences into every lecture to enhance attendance, participation and preparation. He enhanced web sites to better convey complex information, and assess student progress, and transformed assignments to online activities that promote critical thinking and develop problem solving skills. In addition, he adopted classroom performance system (clickers). He continues to incorporate active learning into the classroom whenever possible by integrating web activities and online teaching tools. For example, students worked on a web-based climate model in the Climate Change course. His active learning involves small group discussion, role playing activities, debate, case studies analysis, writing exercises, student self-assessment and problem solving activities. Weintraub also works closely with students on research; he has worked with over 15 undergraduate researchers in his laboratory. A quarter of his articles since 2006 have a student as first author.

Promotion

From Instructor to Assistant Professor

College of Engineering

Richard Springman

Engineering Technology

From Assistant Professor to Associate Professor

College of Engineering

Daniel Georgiev

Electrical Engineering & Computer Science

College of Languages, Literature & Social Sciences

Sumitra Srinivasan

Communication

Bhuiyan Alam

Geography & Planning

College of Law

Kelly Moore

Law

College of Natural Sciences & Mathematics

Bruce Bamber

Biological Sciences

Maria Diakonova

Biological Sciences

Thomas Bridgeman

Environmental Sciences

Michael Weintraub

Environmental Sciences

John D. Smith

Physics & Astronomy

College of Visual & Performing Arts

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Criminal Justice & Social Work

Susanna Hapgood

Curriculum & Instruction

Tavis Glassman

Health & Recreation Professions

Jiunn-Jye Sheu

Health & Recreation Professions

From Associate Professor to Professor

College of Business & Innovation

Monideepa Tarafdar

Information Operations & Technology

College of Law

Kenneth Kilbert

Law

College of Languages, Literature & Social Sciences

James Ferris

Communication

Paul Fritz

Communication

Daniel Hammel

Geography & Planning

Neil Reid

Geography & Planning

Andrew Geers

Psychology

John D. Jasper

Psychology

College of Visual & Performing Arts

Tammy Kinsey

Theatre & Film

Judith Herb College of Education, Health Science & Human Service

Rebecca Schneider

Curriculum & Instruction

Berhane Teclehaimanot

Curriculum & Instruction

Dale Snauwaert

Educational Foundations & Leadership

Gregory Stone

Educational Foundations & Leadership

Joseph Dake

Health & Recreation Professions

Timothy Jordan

Health & Recreation Professions