Collegial Assembly
Friday, September 24, 2021
SERC 116

Agenda

• 3:00PM – Doors open, refreshments served
• 3:30PM – Call to Order – Dean Klein
• Vote to approve minutes of the April 24, 2021 Collegial Assembly
• Undergraduate Program Changes – S. Jansen Varnum
• Faculty Affairs Committees / Bylaws – A. Nicholson
• Report on CST – Dean Klein
• Old Business
• New Business
• Adjourn
Welcome
Approval of Minutes
April 24, 2021
Undergraduate Programs
Changes
Susan Jansen-Varnum
CST Program Changes September 2021 - Overview

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<tr>
<th>Department</th>
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<th>Degree Program</th>
<th>Change</th>
<th>Description</th>
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</table>
| Biology    | Minor       | Biology        | Array  | -Update required course options  
- Lower required minimum grades from C to C- |
| CST        | Certificate  | Certificate in Science and Technology  
Writing | Establish  | Provide students with skills needed to communicate effectively in their field and enhance opportunities for employment |

- CST Collegial Assembly will convene on Friday, September 24th, 2021
- Pending approval by the CST Collegial Assembly, UG program proposals will be submitted for approval at the November 3rd, 2021 Board of Trustees meeting (moved from normal October date)
- If approved by the Board of Trustees, these program changes will take effect in Fall 2021 and Spring 22 respectively.
CST Program Changes September 2021

Vote

Biology minor degree program (array change) make course options/requirements equivalent to those of the major.

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CST Program Changes September 2021

Vote

Certificate program in Science & Technology Writing (establish) – create certificate to increase writing proficiency for CST undergraduates.

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CST Committees and Bylaws
Workplan for CST Bylaws

• CST currently follows the *Standard Bylaws* (TU Policy 01.20.11), with some additions.
• The bylaws creation process follows the procedure set out in the standard bylaws policy.
• An *ad hoc* bylaws committee*, established by the Dean and presided over by the CST Faculty Affairs office, has developed an outline for the bylaws, including the committees.
• The draft bylaws will be initially reviewed by the CST Dean’s Office, the Office of the Vice Provost for Faculty Affairs (OVPFA) and by University Counsel.
• The draft bylaws will be reviewed separately by the Dean’s Advisory Committee (DAC) and the Department Chairs.
• A complete draft will be reviewed by the Dean, Department Chairs, DAC, OVPFA, and University Counsel, and then be presented at a Collegial Assembly for discussion & input.
• If further revisions are necessary, the proposed modifications will be posted for review.
• The bylaws will be approved by majority vote of the faculty in attendance at a Collegial Assembly.
• The bylaws will be sent to the Provost’s Office for review.
• The President and Board of Trustees will ratify the bylaws.

*ad hoc* Bylaws committee: Allison Tumarkin-Deratzian, Sergei Pond, David Futer, Deborah Stull, Ann Valentine, Yu Wang, Peter Riseborough
CST Committees for the Bylaws

• Dean’s Advisory Committee (mandatory as per standard bylaws)
• Tenure & Promotion Committee (mandatory as per TAUP contract)
• Merit Salary Advisory Committee (mandatory as per TAUP contract)
• Student Appeal & Grievance Committee (mandatory as per standard bylaws)
• Faculty Responsibility Committee (ad hoc) (mandatory as per standard bylaws)
• Undergraduate Committee (recommended by standard bylaws)
• Graduate Committee (recommended by standard bylaws)
• Diversity, Equity & Inclusion (DEI) Committee (new)
• Awards Committee (new; under discussion)
The Merit Salary Advisory Committee is described in the TAUP contract. The committee advises the Dean on merit salary awards for eligible FT faculty. The CST committee consists of 8 members: One TT (tenured) faculty member from each CST department. Two NTT faculty members (1 instructional; 1 research) from different departments. TT members participate in merit reviews for both TT and NTT faculty members. NTT members participate only in the merit reviews for the eligible NTT faculty. Members serve 2-year staggered terms. 4 members (3 TT, 1 NTT) rotate off each year. Half of the TT committee members are selected by the Dean; the other half are selected by nomination and vote by the Collegial Assembly. The NTT committee members are selected by nomination and vote by the Collegial Assembly.
Report on CST
Dean Michael L. Klein
“Temple represents excellence, full stop. And if you don’t know that, you’re going to hear a lot more about that from me. We are going to be unabashed about celebrating and demonstrating the excellence Temple University has to offer.”

Jason Wingard June 8, 2021
a new era of excellence

Welcoming President Jason Wingard

Meet Temple's New President
Changes in Upper Administration

- New President = Jason Wingard
- Michael Gebhardt = Chief of Staff & University Secretary
- Ken Kaiser = Chief Administration Officer (VP)
- Gregory N. Mandel = Interim Provost & VP Academic Affairs
- Michele Masucci = VP Research
- Valerie Harrison = VP Public Affairs
- Nina Weisbord = Interim VP for Institutional Advancement
- Hai-Lung Dai = VP International Affair (Reporting to Provost)
- Fran Dunphy = Interim Athletics Director ***
- Michael Young = CEO Temple Health
Fall 2021 has started ... Where are we ..?
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TT Faculty Hires

Stephen MacNeil  
Assistant Professor (CIS)

Jaclyn Lang  
Assistant Professor (MATH)

Wenpeng Yin  
Assistant Professor (CIS)  
(Jan. 1, 2022)

College of Science and Technology
TT Faculty Promoted and Tenured

Brent Sewall
Associate Professor (BIO)

Rachel Spigler
Associate Professor (BIO)

Atsuhiro Muto
Associate Professor (EES)
TT Faculty Promoted

Jamie Payton
Professor
(CIS)

Richard Souvenir
Professor
(CIS)

TT Faculty Tenured

Sean Gillian Queisser
Associate Professor
(Math)
NTT Faculty Promoted

Angela Bricker
Associate Professor of Instruction (BIO)

Vincenzo Carnevale
Research Professor (BIO)

Sayaka Miura
Research Associate Professor (BIO)
NTT Faculty Promoted

Je-Wei Chen
Associate Professor of Instruction (MATH)

Meredith Hegg
Associate Professor of Instruction (MATH)

Jeromy Sivek
Associate Professor of Instruction (MATH)
NTT Faculty Promoted

Daniele Ramella
Associate Professor of Instruction (CHEM)

Matthew Posik
Associate Professor of Instruction (PHYS)
Congratulations to Professor Bernd Surrow for his new DOE $6 million grant to plan brain-inspired computer that runs on probability.
Faculty:
- **Atsuhiro Muto**: Earns Tenure and Promotion to Assoc. Prof.
- **Sujith Ravi**: NSF: Soil Salinization growing problem for agriculture
- **Laura Toran**: Article selected as highlight in Encyclopedia of Water
- **Ilya Buynevich**: Continues to lead undergraduate students in his Geomorphology course to publish and present professional abstracts at professional society meetings for machine learning
- **Alix Davatzes**: Tue Zooniverse will launch Project, Geology Exposed to crowdsource image analysis of drone data for machine learning
- **Nick Davatzes**: Invited presentation Geothermal Energy in Indonesia (pep Bandung, Dies Natalis 2\textsuperscript{nd})
- **Natalie Flynn**: Close to publishing in-house Physical Geology + Geology of National Parks Lab Manual with Broad St Press

Students:
- **Gina Pope**, PhD candidate: Honorable Mention Student Award at SEG
- **Ashleigh Kirker** chaired a session on urban hydrology NE GSA
- **Chong Seok (Paul) Choi**, PhD candidate: first author is an editor's pick in Frontiers in Environmental Science.
- Upcoming undergrad/grad student presentations at GSA, GRC, AGU, AAPG

Curricular:
- Upcoming Advising event in early October for new ENVS Concentrations
- Leveraging remote learning with return to in person to broaden access to our courses such as Geology vs Hollywood

BSc Environmental Science

- **Pre-requisites**:
  - Applied Ecology
  - Climate
  - Environmental Geochemistry
  - Hydrology

- **Electives**

- **Careers**
Congratulations to Assistant Professor of Chemistry Carol Manhart for her new NIH MIRA (Maximizing Investigators Research Award) “Molecular mechanisms of modular nuclease domains”
A Memorial Endowed Lecture fund to support an endowed annual lecture in his name has been established to honor the memory of Professor Rodrigo B. Andrade.
CIS – Jamie Payton
Welcome New Faculty!

Stephen MacNeil
Assistant Professor
DISCUSSION WITH TWO TEMPLE ALUMNI

Ayo Duyile
• Temple CST Alum, IST 2014
• Masters in PM from Drexel
• GOOGLE – Sr Technical Product Manager
• Microsoft – Product Manager
• Facebook – Product Development
• Lockheed Martin – Leadership Development Program

Rohan "Yannick" Jones
• Temple Alum, 2013
• Twitter – Product Manager
• Microsoft – Product Manager
• Jobwell – Product Manager
• Pulcyty – Co-founder
• Walmart eCommerce Product Analyst

FRIDAY, SEPT. 17TH
SERC 306, 11:30AM TO 12NOON OR 12NOON TO 12:30PM

How to Land Roles @ FAANG:
Facebook, Apple, Amazon, Netflix, Google
• Careers in Product Management
• Importance of Diversity in Tech
• Overcoming Imposter Syndrome

BRING YOUR RESUME

ALL ARE WELCOME!!!
$8M newly funded research awards in 2021-2022

- Zoran Obradovic,
  - SCC-IRG Track1: ADVANCED LEARNING FOR ENERGY RISK TRACKING (ALERT), $1.5M
- Jie Wu, Slobodan Vucetic
  - CNS Core: Medium: Data Augmentation and Adaptive Learning for Next Generation Wireless Spectrum Systems, $600K
- Jie Wu
  - Collaborative Research: CPS: Medium: RUI: Cooperative AI Inferencein Vehicular Edge Networks for Advanced Driver-Assistance Systems, $340K
- Eduard Dragut
  - NSF Convergence Accelerator Track F: America's Fourth Estate at Risk: A System for Mapping the (Local) Journalism Life Cycle to Rebuild the Nation's News Trust, $750K
- Eduard Dragut, Longin Latecki
  - III: Medium: Collaborative Research: Extracting and Linking AI Artifacts, $670K
- Xubin He
- Jamie Payton, Richard Souvenir, Rose McGinnis
  - Democratizing Access to the Emerging Interdisciplinary Tech Workforce for Low-Income Science Majors, $1.3M
- Jamie Payton
  - BPC-AE: STARS: Catalyzing Action-Oriented Academic Communities for Broadening Participation in Computing, $2.2M
- Jamie Payton, Sue Varnum
  - PECSI: Pathways for Equitable Computer Science Instruction, $1M
- Jamie Payton, Gene Kwatny, John Fiore, Andrew Rosen
  - Examining the Effects of Course Climate, Active Learning, and Intersectional Identities on Undergraduate Student Success in Computing, $240K
Math – Irina Mitrea
Priorities for this year ... AY 2021/22

• How to attract & recruit new students ..?
• How to evolve the curriculum to retain our students ..?
• How to right-size the college ..?
• How to fill vacant faculty lines ..?
• College Bylaws
A new era of excellence.
Collegial Assembly Meeting Minutes

• Doors open at 3:00 PM – refreshments served
• 3:30 PM - Call to order - Dean Klein
  ➢ Call to Order 3:31 PM – Dean Klein
• Vote to approve minutes of the April 24, 2021 Collegial Assembly
  ➢ April minutes **approved** 1 sustained
• Undergraduate items - S. Jansen-Varnum
  ➢ **Vote 1** Biology minor degree program (array change) – make course options/requirements equivalent to those of the major.
    **approved**
  ➢ **Vote 2** Certificate program in Science & Technology Writing (establish) – create certificate to increase writing proficiency for CST undergraduates.
    **approved**
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• Report on CST - Dean Klein
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• Adjourn- COA adjourned 4:26 PM

**Total Attendance:** 51