School of Science Faculty Assembly  
Friday, February 22, 2019  
9-10:15 am  
University Library, UL 1126

MINUTES

Attending (43):  
Dean's Administration: Simon Rhodes, Rajeev Raje, Dave Skalnik, Jane Williams.  
BIOL: Nick Berbari, Bonnie Blazer-Yost, Pat Clark, Doug Lees, James Marrs, Kathleen Marrs (Faculty Secretary), Steve Randall, Randall Roper (Faculty Past-President), Xianzhong Wang, John Watson, Michael Yard, Robert Yost. CCB: Partha Basu, Brenda Blacklock, Lei Li (Faculty President), Pratibha Varma Nelson, Ian Webb. CSCI: Lingma Acheson, Shiaofen Fang, Snehasis Mukhopadhyay, Kelly Van Busem, Jiang Zheng, Xukai Zou. ES: Andy Barth, Lin Li, Jenny Nelson. MATH: Carl Cowen, Jyoti Sarkar, Vitaly Tarasov, Meghan Tooman. PHYS: Ricardo Decca, Andy Gavrin, Gautam Vemuri. PSY: Steve Boehm, Tina Chen, Cristine Czachowski, Charley Goodlett, Debora Herold, Bethany Neal-Beliveau.

1. Call to order and adoption of the Agenda  
   Approved

2. Approval of minutes of Spring 2018 Faculty Assembly  
   Approved

3. Reports from the Dean’s Administration

   a. Associate Dean David Skalnik –
      1. Purdue Trustees approved new MS in Computational Data Science, proposed by our CS and Math departments. Should get final ICHE approval later this semester and go live in the fall.
      2. New building moving along. Bids were solicited from general contractors a couple weeks ago, and are due at IU by March 8. Plan is for groundbreaking sometime in April, with completion date of August 2020. MDRCB will have ~70,000 square feet assignable, about 50% of space to SOS, ~30% to E&T, ~20% general inventory classrooms (and less than 1% to informatics).
      3. Research activity in SOS remains strong. For the period from July - Jan: new grant dollars received are up 18%; ICR is up 24%, and research expenditures are up 14%. SOS faculty received 21 new multi-year federal research awards during this time, compared to 22 for all of the previous year. So pace is very strong and hopefully bodes well for further increases in research expenditures in the future.

   b. Associate Dean Jane Williams –
      1. Gen Ed Review – IUPUI+ next steps are to map program learning outcomes to courses. Not every course needs to be mapped
      2. Center for Teaching and Learning CTL can be a resource
      3. Looking ahead to Fall 2019, we are up in student applications and student deposits overall – these are predictors of fall enrollment.

   c. Associate Dean Rajeev Raje
      1. Cautious as our enrollment goes: Our spring enrollment is down by 3.49% and the campus overall is down by 3.1%.
      2. We will be paying the down payment on the new building soon.
      3. One of our alumni, Bob Berbeco, was selected as the CTO of the year (2018) by the IBJ (https://www.ibj.com/articles/70105-cto-of-the-year-bob-berbeco).
d. Dean Simon Rhodes

- My thanks to Drs. Li and Marrs for their great faculty leadership.
- My thanks to the members of the committees that worked on our P&T guidelines. Like painting the Golden Gate Bridge – never completed. Need to look at service excellence next!
- My thanks to the ADs for their great work – representing us and fighting for us, saving us money. Welcome and thanks to Rajeev.
- Congratulations to Computer Science and Math Science for successfully developing the MS Computational Data Science – it will go to the ICHE soon. Great interdisciplinary collaboration. Fingers crossed.
- Federal grant success so far this cycle – congratulations.
- IUPUI 50th Celebration
- Doug Lees – 45 years at IUPUI – Chancellor’s medallion
- Awards to our great faculty, staff, students.
- Congratulations to our many faculty that were named favorite IUPUI professor by IUPUI athletes. IUPUI athletes some of our most academically talented students.
- Andy Harris – Mira finalist for Tech Educator of the Year
- Miji Um from the master’s program in Clinical Psychology was the recipient of the Distinguished Thesis Award from the Midwestern Association of Graduate Schools. Miji works with Dr. Melissa Cyders. Blum – this is a big deal – 130 universities.
- Dr. Gabe Filippelli and students won the top Prose award from the American Association of Publishers for any publication in physical sciences and math.
- Nora Gilliam (Science Chemistry major) was the Outstanding Presentation Award at the Annual Biomedical Research Conference for Minority Students (ABRCMS) for her research from a summer program at Vanderbilt. She works on two labs on this campus (Cummins in Biology and Dr. Chandy John in Pediatric Infectious Diseases in the Wells Center). She was just accepted to an MIT summer program for this year.
- Jaguar Academic Advising Association (JACADA) named Amy Maidi from Forensic Science the Advisor of the Year.
- Dr. Stephen Boehm, Psychology, was named an Indiana University Bicentennial Professor for the next year.
- In the past, we reported that Science Computer Science students started an AI startup company called Vemity. It was just acquired! Rover180 announced its acquisition of Vemity, an Indiana-based company specializing in artificial intelligence automation and machine learning. AI optimization for supply chain payment processing to improve speed and accuracy”.

- A reminder (because floods and hard drive failures do happen)
  o Use Box as a syncing and unlimited backup tool
  o Do not use private e-mail such as gmail for work business
  o Please use Canvas - EVC requirement – has important content.
- Multidisciplinary Research and Classroom Building (MRCB). We are now at bid.
- Thanks to the work our recruiters are doing, our majors numbers are strong and look good for the fall – this is helping buffer other drops such as SLA. Midwest exchange important.
- Keep up the nominations for science majors for IUPUI Top 100 and the Elite 50 and Plater Medallions
- Science On tap. Next one is Thursday April 18th at 530 pm at Blind Owl Brewery. Adam Hirsh talking about? Can AI improve pain care? How’s that for a topic that draws in several of our school disciplines?! All are welcome
- We will soon have Honors Convocation on April 13th. In some schools, students, staff and faculty are honored separately but in the School of Science we celebrate our students, faculty and staff together in one place, at one time. The speaker will be one of our alums, Tyler Foxworthy, a math alum who now leads Vertex
Intelligence as their CEO & Chief Scientist.

- This year, the IUPUI School of Science proudly graduated a record total of 836 graduates - 652 bachelor’s degrees – a record, 147 Master’s degrees, and 37 recipients of the PhD. 93% undergraduates from Indiana (52 of Indiana’s counties). Record graduates for 7 years.
- We Serve the State – STEM graduates - Impact on Indiana’s economy and quality of life.
- ~90% students from Indiana. ~85-90% students stay in Indiana
- Please remember this as you represent us in the community.
- That’s a remarkably positive impact on Indiana’s economy. Thank you for your teaching, research, and service.
- Philanthropy – the Bicentennial campaign will end in June 2020
  - Old goal: $8M
  - New goal : $12.5m
  - Current numbers: $12,575,311
  - 100.6%
  - Pipeline: $1.5m
- Thanks to all of the faculty and staff who make philanthropic gifts to help the success of our students, our research, and our service to the community. We have some amazingly thoughtful and generous colleagues.
- **We only meet as a group about 3 times a year - thank you for your work – I am proud to be your colleague.**

**Questions:** Persistent rumor that Purdue will be leaving campus. Simon: "We Call BS!" Purdue trustees do not want that to happen. Purdue has been on campus for 50 years and will be here or 50 more. Discussion about School of Science being a net giver - Why is the contribution from Purdue zero? Is Mitch Daniels willing to take a stand on this?

4. Business:
   a. **Potential changes to Science P&T guidelines**
      - **Report from Subcommittees on Teaching Excellence and P&T Processes:** Professors Charley Goodlett & Rajeev Raje led the discussion (powerpoint presentation)
      - **Part 1 of discussion: P&T procedural changes**
        - **Background:** There were inconsistencies between the P&T guidelines and the typical process followed in the SoS and the Campus with respect to delivering outcomes of each step to the candidates during the P&T process
        - **There are still some tensions in the timeline – 1 week interval between committee decisions and when dossier will be forwarded to the P&T and Tenure Committee may not be sufficient. May need to build in more time.**
        - **Important:** Each Primary Committee must have at least four approve/disapprove votes recorded. Absentees may mean additional members appointed to committee.
        - Committee may need to meet in more than one sitting to accomplish all work
        - **Questions/discussion related to use of e-Dossier.**
        - **Main idea with e-dossier: Get it Right the First Time!**
        - **Comment:** e-dossier system fragments the dossier. Suggestion to create a single document initially, so that placing sections in e-dossier is smoother
        - **Comment:** Where to put the personal statements? Can be confusing
        - **Recommendation** from Bonnie Blazer Yost: go to the training; it will give people clear guidelines on where to put material.
        - **Suggestion:** Christine Picard has done the e-dossier process successfully and is willing to provide assistance
Part 2 of discussion: P&T Teaching Excellence Criteria

Background: 2017 SOTU address from President McRobbie – “Developing new, well-defined and rigorous pathways for tenure and promotion focused on teaching excellence”.

- In response, subcommittee was organized in early 2018 according to the SOS bylaws and with the consent of the SOS Steering Committee.
- Committee’s work was presented in SoS faculty assembly spring 2018 with recommendations for criteria related to Satisfactory in Teaching as well as Excellence in Teaching.
- Committee was re-charged in fall 2018 to work with Unit Committee and P&T guidelines to examine and suggest revisions only for criteria related to Excellence in Teaching into guidelines.
- Current version being presented today 2.22.19 was developed by the P&T Teaching Excellence Subcommittee, plus Rajeev Raje and Charley Goodlett.

Open discussion

- **Question**: What’s “local/regional”? Within IU system, within State? → This is up to department and candidate to make this case. That language unchanged from current guidelines.
- **Comment**: Unclear understanding / definitions of Scholarly teaching vs. SoTL, DBER, etc. Need common understanding and working definitions
- **Suggestion**: Put references/definitions into P&T guidelines
- **Comment**: Given people’s careers are on the line, form a larger elected body.
- **Comment**: This is a discussion process – Suggestions from faculty can be recommended through the SoS Steering Committee; every department has equal voice. After spring faculty assembly, will have an e-mail vote.
- **Suggestion**: Separate the vote on procedural changes from changes in teaching excellence.
- **Suggestion**: Call a special faculty assembly, as specified in Bylaws
- **Comment**: Given people’s careers are on the line, form a larger elected body.
- **Question**: How do these guidelines relate to discussion of 3rd tier for lecturers?
- **Noted** that the 3rd tier conversation is an active area of discussion throughout campus and IU. May have to revisit the lecturer guidelines as the 3rd tier process makes its way through system, but at this time spring 2019 we are just considering 2 levels (lecturer, senior lecturer.)
- **Comment**: When going up for promotion on teaching excellence, satisfactory in research is also required.
- **Noted** that the Candidate is responsible for making their case for excellence in teaching plus satisfactory in research.
- **Comment**: Document says “a-f” are common to all 3 categories, but then “f” is listed a separate category for promotion to Full, so it is not common to all.
- **Noted**: this is a correction to make.
- **Question**: Do these P&T revisions significantly increase from previous lecturer position descriptions? Feeling that this raises the bar.
- **Suggestion**: Review side-by-side existing P&T guidelines to new revisions proposed. (Note that charge to committee is described above, at top of p4)
- **Conversation concluded** with consideration of scheduling a special assembly in March to provide more time for discussion; in the interim, Faculty are asked to discuss these P&T criteria at a departmental meeting and also to provide comments to their Steering Committee Rep. Spring Assembly has already been scheduled for April 19: vote will follow within 2 weeks.
b. Third Tier for non-Tenure Track faculty
   • Update – Campus and IU
   • Discussion will be postponed until Spring Assembly

c. School of Science Device Policy during Exams
   • Information Item
   • Handout distributed; will be discussed at later date

5. School of Science Standing Committee Reports (Call for Reports; will be presented at Spring Assembly)

6. Distance education information from IFC Distance Education Committee
   Handout distributed

7. New Business

8. Save the Date: Spring Faculty Assembly, Friday April 19, 9-10:30 am in IT 252 new room.

9. Adjournment: 10:25 am