Dean’s Report to the Faculty

CBS Annual Faculty Meeting
June 7, 2016

Peter C. Wainwright
Acknowledgements

• John Harada, Executive Associate Dean, Academic Affairs and Graduate Programs
• Susan Keen, Associate Dean, Undergraduate Programs
• Gregg Recanzone, Associate Dean, Research and Resources
• Donna Olsson, Executive Assistant Dean
• Maria Saldana-Seibert, Co-Director, BASC
• Dawne Shell, Director, Graduate Academic Programs

Thanks also to the entire dean office team, departmental staff members and all of you!
CBS Overview: By the Numbers

- **1,107 headcount employees:**
  - 131 Senate faculty
  - 796 other academics
  - 180 staff
- **5,642 undergraduate students and 384 graduate students (Fall ‘15)**
- 9 undergraduate majors and 8 graduate groups
- **5 academic departments**
- **4 cross-campus centers (Genome; Neuroscience; Coastal & Marine Sciences; Population Biology)**
- **$100m annual revenues: 39% state/tuition and 61% extramural/other**
New CBS Faculty

Nine new faculty arrivals July 2015 – July 2016:

- Jennifer Gremer (EVE)
- Celina Juliano, Richard McKenney, Kassandra Ori-McKenney, Gerald Quon (MCB)
- Samuel Diaz-Munoz (MMG), Priya Shah (ENGR/MMG)
- Rebecca Calisi-Rodriguez, Stacey Combes (NPB)
New CBS Faculty

Five new Lecturer PSOE arrivals July 2015 – July 2016:

- Marina Crowder, Mona Monfared, MCB
- Miriam Martin, MMG
- Natalia Caporale, NPB
- Joel Ledford, PLB

Thanks to chairs, faculty, staff involved in welcoming them!
Approved 2016-17 Faculty Searches

- Lecturer PSOE, EVE (continued)
- Department chair, PLB
- Propose to recruit 1 new faculty member in motor control approved in the 2014 Neuro-Engineering HIP (NPB), and 1 new faculty member in computational neuroscience approved in the 2016 Brain Sciences HIP (Neuroscience; Dept. TBD), if sufficient Provost start-up funds are provided

*Please welcome our new faculty as they arrive!*
## Merit-Promotion Senate Actions

### College of Biological Sciences: 2015-16

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* Lateral promotion

Average Step Increase for CBS Faculty = 1.2
Undergraduate Initiatives

- Biology Academic Success Center
- CBS Cohorts Program
- Health Professions Advising
Biology Academic Success Center

• BASC facilitated mandatory advising for 1800 students over 2 quarters
• BASC undergraduate student to advisor ratio of 460:1 is high
• CBS has requested additional funding for student advisors from the Vice Provost for Undergraduate Education to get closer to 300:1
Biology Academic Success Center

CAPS Counselor Anne Han in CBS

Spends 16 hours a week seeing CBS students for issues related to:

- Anxiety
- Depression
- Stress management
- Emotion regulation
- Trauma
- Relationship concerns
- Sexuality, grief, life transitions, and spirituality.
CBS Cohorts Program

• New course (BIS 5) in which faculty talk about their career paths and their research (all cohorts took the class)

• Student-faculty lunches; groups of 12 -15 students discuss research and life over lunch with faculty members
Health Professions Advising

- Serves 6,000 students interested in applying to health professions (medicine, dentistry, physical therapy, etc.) schools
- Director Joanne Snapp and HPA staff met with 1,000+ students from 4 colleges
- HPA will host Pre-Health Conference for 3,000 students from UC Davis and other colleges on October 8, 2016. The conference is expected to be self-supporting.
CBS ladder faculty teaching, as measured by student credit hours (SCH) taught by I&R ladder faculty, is relatively high:

- CBS I&R ladder faculty (excluding Lecture SOE) teach 975 SCH/year
- CBS I&R ladder faculty is similar to DSS (1005 SCH) and lower than CAES (1083 SCH)
- MPS and ENGR are at 729 SCH each and HARCS is at 624 SCH

CBS UG and GR courses taught by CBS ladder faculty (2014-15):

- 11-25 students: 34 sections (24%)
- 26-50 students: 40 sections (28%)
- 51-100 students: 20 sections (14%)
- 101-200 students: 29 sections (20%)
- 201-300 students: 10 sections (7%)
- 301+ students: 10 sections (7%)
Campus Classroom Seats

- Campus classroom seat standard: 0.4 seats/student
- Growth based on best available enrollment information
- New Permanent Seats: Tercero 3 (250), Surge 3 (33), Pitzer Center (375), Large Lecture Hall (600), Walker Hall (367), Cruess Hall (250)
- Programming for Haring Hall in process
- ADA and fire code upgrades could trigger loss of up to approximately 2,000 seats. Campus mitigating the impacts of the seat loss by managing renovation scope.
Renovation in Briggs Hall to expand capacity is part of the CBS budget request for 2016-17 to the Provost.

We endorsed a CBS ad hoc faculty committee recommendation to merge CBS and CAES research greenhouse operations beginning in Summer 2016. (Teaching greenhouse operations will stay in CBS)
Research Infrastructure (cont.)

- Research Infrastructure Improvements by Campus
  - Construction of new animal vivarium facilities
  - Expansion of Core Greenhouse area
  - Expansion of Controlled Environment Facility for plant growth
Research: Genome, Neuroscience & Marine Science

- The ACCD will send 5-year center reviews for GC and CNS to Acting Provost soon
- Both the external faculty committee and the ACCD reviews were very positive
- CMSI Strategic Plan expected early fall
Diversity Initiatives

Undergraduate Efforts

- The Biology Undergraduate Scholars Program (BUSP), led by Barbara Horwitz, prepares URM and disadvantaged UG students for graduate education. The NIH-IMSD competitive renewal for BUSP was successful but funding was cut for staff. The Provost and CBS are partnering in to continue BUSP staff support.

- In Summer 2016, CBS will begin to participate in the summer residential SMASH program for URM students, coordinated through Undergraduate Admissions.

- Over the past couple of years, CBS faculty have led two UC Historically Black Colleges and Universities (HBCU) grants (Grosberg; Starr). Two new UC HBCU proposals have been submitted (Burgess; Harada).
Diversity Initiatives

Faculty

- CAMPOS has provided funding for several CBS faculty hires; most recently for three faculty who started July 2015 – July 2016
Budget

• UG tuition is the single largest source of ongoing core funding for CBS.

• The UG tuition revenue increase for CBS for 2016-17 is the lowest of all colleges as CBS undergraduate SCH did not grow as fast as it did in other colleges in the past two years.

• Indirect Cost Recovery represents 13% of ongoing core funding for CBS. Because new awards were sharply up across CBS this year, CBS ICR will likely increase beginning in 2017-18.
Budget: Investments

- Use of new resources
  - $214k in additional undergraduate tuition revenues in 2016-17:
    - $24k for academic department staff/operating budgets (average $5k per department)
    - $15k to support existing IT programming and other Dean’s office services for undergraduate and graduate advising (previously supported by temporary funds)
    - $175k to be determined after consultation (likely for staff and/or faculty start-up costs)
Development/Fundraising

- DEVAR (lead) and CBS are hiring fund-raising staff
  - Search under way for Executive Director of Development
  - This year, CBS benefitted from existing excellent development officer, Jennifer Scott (CBS 25%)
  - Once the Executive Director position is filled, searches will proceed for additional fund-raising staff funded by previous 3-year Provost commitments
Development/Fundraising

Key recent development/fundraising successes include:

• Simon Chan Memorial Endowment (Over $0.5 M and growing)
• Ted Jones Microscopy Lab, Center for Neuroscience ($50k) Lab open house held this year
• Robyn L. Smith Family Scholarship ($35k additional gift)
• Significant progress on a major bequest

These gifts, and many others, involved key partnerships between CBS Development and appropriate faculty.
As you heard from the Awards Committee, CBS students have once again received many high honors

- **Jessica West**, Biochemistry and Molecular Biology – CBS Medal
- **Jenice Cheah**, Neurobiology, Physiology and Behavior – Undergraduate of the Year
- **Roy Qu**, Genetics and Genomics – Ronald and Lydia Baskin Research Award
Awards and Honors

Faculty

• Dr. Neil Hunter was elected as a fellow in the American Academy of Microbiology

• Dr. Jodi Nunnari was named Editor-in-Chief of the Journal of Cell Biology and was elected as the 2018 President of the American Society for Cell Biology

• Dr. Mariel Vazquez won the national Blackwell-Tapia Prize
Awards and Honors

Faculty (cont.)

- Leading genomics scholars spoke at a public symposium at UC Davis honoring Dr. Stephen Kowalczykowski.

- Dr. JoAnne Engebrecht was elected to the Genetics Society of America’s Board of Directors for 2016-18.

- Dr. Hwai-Jong Cheng, received an Excellence in Advising Award from the Pacific Region of the National Academic Advising Association (NACADA).
Awards and Honors

Faculty (cont.)

- Dr. Donald Strong received the Faculty Research Lecture Award from the Davis Division of the Academic Senate.
- Dr. Eric Sanford received a Distinguished Teaching Award from the Davis Division of the Academic Senate and a Chancellor’s Award for Excellence in Undergraduate Mentoring.
- Dr. Karen Zito was selected as a Chancellor’s Fellow for 2015-2020.
• Dr. Nathan Rockwell received the Academic Federation Excellence in Research Award

• At our October 2015 College Celebration, Dr. Jeanette Natzle received the CBS Faculty Teaching Award. At the same event, Dr. Luca Comai received the CBS Faculty Research Award. Mary Aften (BASC) received the CBS Principles of Community award

• Dr. Walter Leal was elected a fellow of the California Academy of Sciences

• Thompson-Reuters listed Dr. Jonathon Eisen and Dr. Oliver Fiehn among the world’s most-cited scientists
And now, I would like to ask FEC Chair Ken Britten to join me so we can announce the winner of the 2015-16 CBS Faculty Teaching Award.

This is one of the two highest awards within the College for our faculty. (We’ll be seeking nominations for the CBS Faculty Research Award soon, to be announced at our Fall Welcome.)
The CBS Faculty Teaching Award is presented to a faculty member who has been nominated by his/her department and students for outstanding teaching.

I am very pleased to present the CBS Faculty Teaching Award to a professor who has made innovative contributions to teaching numerous undergraduates. The professor’s students give the highest praise!

The CBS Faculty Teaching Award is presented to Professor Gail Patricelli.
Questions?