OUR GREAT YEAR AHEAD...

AUGUST 20, 2020
The College of Natural Sciences had a record hiring!:
• A total of 22 new, diverse faculty members!
• Every department had a new search!
• Five more hires than originally planned!
• Two continuing and one new hire approved for this year!
Biology

- Joseph Heras,
- Bloomington, CA; UCR; CSULA
- PhD, UC Merced

- Quantitative & Systems Biology
- “Boys in the Blue”
Biology

- Lua Lopez Perez, Spain
- PhD, University of A Coruña
- Binghamton, SUNY

- Conservation genetics
- “Pied Piper of ducklings”
Chemistry & Biochemistry

- Xiaoxu Jiang
- PhD, University of Oklahoma
- UCLA, Nicholls State U

Transport mechanism of biological molecules

“Fishing & Cajun food”
Chemistry & Biochemistry

Joyce Pham

PhD, Iowa State University

Max Planck Institute

Solid State Chemistry Phamily

“Electric and acoustic Cello”
Computer Science & Engineering

- Adil Al-Azzawi
- PhD, University of Missouri
- Taught in Iraq;

- Bioinformatics, Computer Vision
- “Love to spoil his kids”
Computer Science & Engineering

- Amir Ghasemkhani
- PhD, University of Nevada, Reno
- Electrical Computer Engineering

- Stochastic optimization, Cyber physical systems
- “Lord of the Rings”
Computer Science & Engineering

Jennifer Jin
PhD, UC Irvine
Saddleback College

Medical Imaging Analytics, Machine learning

“Family of Computer scientists”
Computer Science & Engineering

- Bilal Kahn
- PhD, U of Bradford, UK
- Artificial Intelligence/ML
- Young Professional in Water Treatment Technology
- “Next PM of Pakistan”
Health Science & Human Ecology

Mahmood Nikbakht Zedah
- PhD, medical entomology, Tehran University of Medical Sciences, Iran
- PhD, chemical ecology, University of Bayreuth, Germany

UC Davis, San Diego State, Vector Biologist in Vermont
- "World Traveler and a photographer"
Kinesiology

- Venkata Naga Pradeep Ambati
- PhD, interdisciplinary health sciences, University of Texas at El Paso
- Southern Illinois

- Biomedical engineer; gaze behavior of autistic children
- “Must try his east-west fusion”
Kinesiology

Sarah Dunn
PhD, exercise physiology, University of New South Wales

Life style intervention for disease prevention; Univ of La Verne

“Chose PDC for access to golf”
Kinesiology

April Karlinsky
PhD, U of British Columbia
Toronto-Budapest-Toronto

Motor learning in social context; I Can’t move this.

“No, I am not born in...”
Mathematics

- Hani Aldirawi
- PhD, Univ. of Illinois, Chicago
- Gaza strip, Palestine

- Sparse, microbiome, insurance data; Statistics

- “Defending with family”
Mathematics

- Stephen Balady
- PhD, University of Maryland
- Algebraic Number Theory
- Mathematics Education
- Identities of math thinkers
- “Oberlin- the finest music conservatory”
Mathematics

- Youngsu Kim
- PhD, Purdue University
- Commutative Algebra;
- Algebraic Geometry
- UCR, Arkansas
- “Dodgers with dad and Joe”
Mathematics

- Bronson Lim
- PhD, University of Oregon
- Algebraic geometry
- University of Utah
- “Duck among coyotes”
Mathematics

- Dalton Marsh
- PhD, University of New Hampshire
- Math Education; Statistics; retention in STEM.
- “4 D’s make a relay team”
Mathematics

- Suthakaran Ratnasingam
- PhD, Bowling Green State
- MA in Math from Nebraska

- Sequential Data, Change point analysis; Statistical inference.
- “Child at heart, likes to be silly”
Nursing

- Anne Lama
- DNP, Azusa Pacific University
- MS in Nursing from CSUSB

- Risky drinking behavior, homeless outreach
- “Ziplined to crush fears”
Nursing

- Henrietta Nwamu
- Ph.D., University of Phoenix
- Home economics, nursing
- Online learning; support systems
- “Fulfilling father’s dream”
Nursing

- Tykeysha (Ty) Thomas
- PhD, UCLA
- Nursing Research

- Health Disparities, coping with stress, microagressions
- “Cruising on 101 in a convertible”
Physics

- Matteo Crismani
- PhD, University of Colorado, Boulder

- Astrophysics & planetary science; Martian atmosphere; NASA
- “Dad fled Germany, Mom Aboriginal Australian”
Looking Back to Go Forward

Congratulations!

• All promotions & tenure
• New hires
• Retirements
• Jose Salazar
• Alice Martinez

We keep our focus on:

☐ Student Success
☐ Faculty Success
☐ Staff Success
☐ Visibility & Impact
## Student Success

- Graduation Rates
- Retention
- Careers & Graduate/Professional
- Advising
- Empathy & Sense of Belonging
- Better Teaching & Learning

### FTF Graduation rates

<table>
<thead>
<tr>
<th>Department</th>
<th>4-Yr Graduation Rate</th>
<th>6-Yr Graduation Rate</th>
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</thead>
<tbody>
<tr>
<td>Fall 2014</td>
<td>Fall 2015</td>
<td>Fall 2012</td>
</tr>
<tr>
<td>Biology</td>
<td>9.1%</td>
<td>10.0%</td>
</tr>
<tr>
<td>Chemistry and Biochemistry</td>
<td>16.9%</td>
<td>12.8%</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering</td>
<td>13.0%</td>
<td>8.8%</td>
</tr>
<tr>
<td>Geological Sciences</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Health Science/Human Ecology</td>
<td>12.7%</td>
<td>19.4%</td>
</tr>
<tr>
<td>Kinesiology</td>
<td>19.4%</td>
<td>21.4%</td>
</tr>
<tr>
<td>Mathematics</td>
<td>23.4%</td>
<td>23.2%</td>
</tr>
<tr>
<td>Nursing</td>
<td>22.7%</td>
<td>25.0%</td>
</tr>
<tr>
<td>Physics</td>
<td>8.0%</td>
<td>26.3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>13.6%</strong></td>
<td><strong>14.6%</strong></td>
</tr>
</tbody>
</table>

*Less than 10
Student Success

- A4US
- ISSUES-X
- S-STEM

- Learning Assistants & Embedded Tutors; Supplemental Instruction
- CIRM; CEME; International Experiences
Faculty Success

- Tenure track density
- Grant support & Success
- Summer Training

- Mini-grants
- ISSUES-X
- FCE, TRC, Mentoring Program
Grants submitted last year

<table>
<thead>
<tr>
<th>PROPOSALS BY COLLEGE/DIVISION</th>
<th></th>
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<tbody>
<tr>
<td>Division of Academic Affairs</td>
<td>5</td>
<td>$ 9,443,898</td>
<td>$ 310,558</td>
</tr>
<tr>
<td>College of Arts &amp; Letters (CAL)</td>
<td>17</td>
<td>$ 2,064,095</td>
<td>$ 184,136</td>
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<tr>
<td>College of Business &amp; Public Admin (CBPA)</td>
<td>23</td>
<td>$ 12,751,981</td>
<td>$ 2,681,982</td>
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<tr>
<td>College of Natural Sciences (CNS)</td>
<td>20</td>
<td>$ 4,383,002</td>
<td>$ 1,310,662</td>
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<tr>
<td>College of Education (COE)</td>
<td>8</td>
<td>$ 5,234,610</td>
<td>$ 270,292</td>
</tr>
<tr>
<td>College of Social &amp; Behavioral Sciences (CSBS)</td>
<td>16</td>
<td>$ 3,341,111</td>
<td>$ 836,385</td>
</tr>
<tr>
<td>Division of Student Affairs</td>
<td>2</td>
<td>$ 4,229,288</td>
<td>$ 248,559</td>
</tr>
</tbody>
</table>

91 $ 41,447,985 $ 5,842,574 $ 47,290,559
Staff Success

- Growth in Advising
- Professional Development
- Team Building Activities

- “Unlikely”
- “The Loudest Duck”
- Challenges
Looking Ahead

- Work Together
- Be Innovative
- Health Sciences
- iSLAB
- New A&P
- Yasuda

- Develop New Programs
  - MS in Material Science
  - MS in Nutrition
  - General Science?
  - DNP
  - PA
  - Certificates through CEGE
Thank You

For all you do…

Everyday…