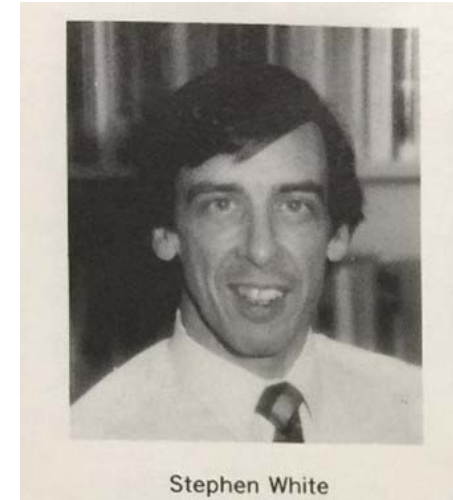




Lifetime Achievement Award: Stephen Halley White



- Chair of Physiology & Biophysics Department for 12 years
- Excellence in teaching awards
- Fellow and Past-President of the Biophysical Society
- Continuous research funding for 47 years, most likely more to come
- Discoveries in membrane biophysics: membrane capacitance, partitioning of peptides into lipid bilayers, biophysics of membrane protein synthesis, folding, and assembly, moving to structural studies on the translocon.
- Elected member (2018) of the AAAS
- Honorary degree, the Doctorate of Philosophy *honoris causa*, from Stockholm University (2019)



Applause

Distinguished Alumnus Career Award: Paul Negulescu



- Senior Vice President and Site Head of San Diego Research at Vertex Pharmaceuticals
- From Gene to Drug for treatment of cystic fibrosis.
- CFTR modulators: ivacaftor, lumacaftor and tezacaftor are the only approved medicines to treat the underlying cause of cystic fibrosis.
- Additional combi-drugs to treat up to 90% of people with CF.
- The Warren Alpert Foundation Prize in 2018



Applause

Outstanding Teaching Award: Milton Greenberg

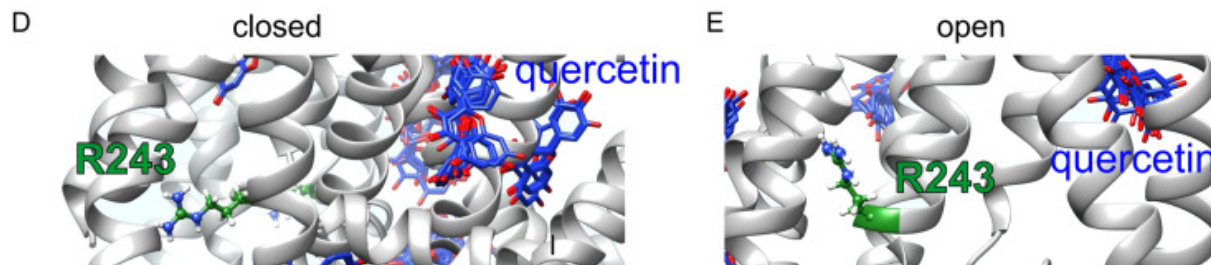
- Course Director of Medical Physiology and Medical Immunology, assisted 5 new Department faculty members in their 1st lectures.
- Delivers >20 lectures to MS1 students, EKG to MS3 students.
- COVID-19 lectures are an outstanding contribution
- Actively mentors UCI graduate students and alumni through UCI's GPS-Biomed and GPS-STEM programs
- Service on Medical Admissions Committee and Curriculum and Educational Planning. Represented the Department during LCME review → 8 years of continued accreditation.
- Plus, founded two biopharma companies and is PI on 8 funded grant awards (\$>6 million) since 2016, multiple guest lectures

Applause

Best research paper by a graduate student: Katie Redford

field trip collecting plants in Yosemite in 2019 →

- The ubiquitous flavonoid quercetin is an atypical KCNQ potassium channel activator.
- Kaitlyn E. Redford, Geoffrey W. Abbott. *Commun Biol.* 2020; 3: 356. PMID: 32641720
- Augmented both activation and inactivation of KCNQ1
- Potential molecular basis for therapeutic effects of quercetin-rich foods, such as capers →

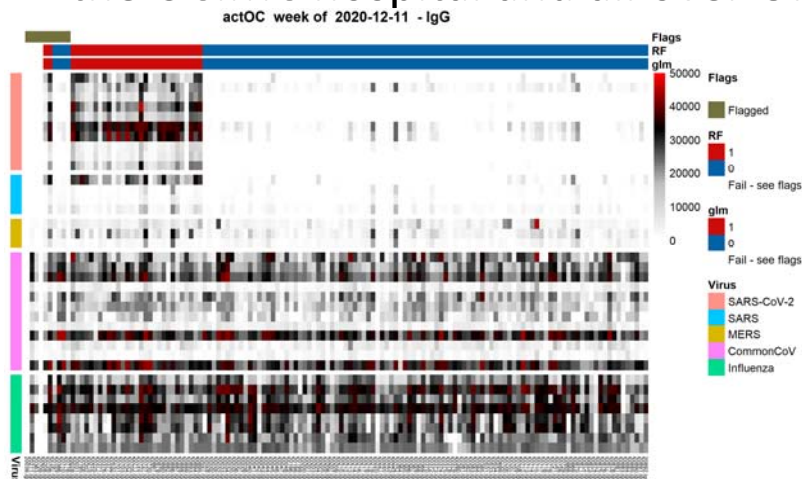


Applause

Best research paper by a postdoc: Rafael Ramiro De Assis



- Analysis of SARS-CoV-2 Antibodies in COVID-19 Convalescent Blood using Coronavirus Antigen Microarray, Felgner lab VRDC
- Nature Communications in press, bioRxiv PMID: 32511302
- Validation of a coronavirus antigen microarray containing immunologically significant antigens from SARS-CoV-2, SARS-CoV, MERS-CoV, common human coronavirus strains, and other common respiratory viruses.
- Individual patient specific reports from 8,000 blood specimens collected at the UCIMC hospital and all over Orange County



Applause