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NABT 2022 宣布和机会

全国生物教师协会正在今年表彰约翰·冯格克和达维达·斯密特的贡献。约翰因在生物学教育、研究或服务方面作出杰出贡献而获得 NABT 名誉会员的最高荣誉。达维达是德克萨斯大学-圣安东尼奥大学生命科学部的副教授，也是 BioQUEST 理事会成员，目前正因其在生物学教育领域所作的原创性和创新性研究而受到认可。这项由 NABT 四年制学院和大学部分资助的研究奖励表彰在生物学教育中对我们的理解的推进。这些创新可能包括，但不限于生物学教育中的研究和奖学金。

NABT 年度大会于 2022 年 11 月 10-13 日在印第安纳波利斯举行。更多 BioQUEST 相关机会及 NABT 完整的公布。

令人兴奋的 NABT 相关机会

- NABT 奖励午餐 - NABT 非常自豪地表彰 2022 年 NABT 奖项获得者。我们将表彰来自所有层次的杰出生物教师，并欢迎所有人来祝贺这些杰出的专业人士。如果你参加了活动，请穿上 BQ 衣服来参加午餐！
- 交互式普通教育生命科学课程（IGELS）研讨会（11/10/2022 11:30 am 至 3:30 pm）
- 创建实施定量生物学课程与 QB@CC，对教师和学生有益的研讨会（11/11/2022 2:00 pm 至 4:00 pm）
Look out for the following BioQUEST folx:

- Sarah Prescott - President and Executive Director
- Sam Donovan - Director of Outreach and Strategic Engagement
- Stacey Kiser - Vice President
- Kristin Jenkins - former President and Executive Director
- John Jungck - former President and Executive Director
- Vedham Karpakakunaram - QB@CC Co-PI
- Melanie Lenahan - QB@CC Facilitator
- Davida Smyth - Board Member

Are you going to be at NABT? Connect with us on social media through the BioQUEST and NABT accounts and watch the #NABT2022 hashtag where we will post any BioQUEST meetups during the meeting.

If you are presenting a workshop, poster, or talk you should consider publishing it in the QUBES OER Library. You will get a full citation with a DOI and your work will be easy to share with others.

- View the "Publishing Conference Materials on QUBES" Webinar
- Drop by office hours if you need help publishing.

Find more information about NABT 2022 programming here.

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Dr. John Jungck Named 2022 NABT Honorary Member – NABT's highest award.

Press release from NABT

It is a unique challenge to describe the impact of John Jungck's career on biology education. "Influencer" doesn't fully capture John's warmth and unwavering support as he encourages every learner and colleague he encounters. "Visionary" does not adequately convey the seismic impact of John's work. A 1994 article in Science is probably the closest when author Virginia Morrell described John as the "Godfather of Virtual Bio and Genetics Labs."

This year, the National Association for Biology Teachers is proud to name Dr. John Jungck as the 2022 NABT Honorary Member, the highest honor given by NABT. The Honorary Membership recognizes individuals who have "achieved distinction in teaching, research, or service." Even if you do not know John's name, you have benefited from his groundbreaking work in mathematical modeling, quantitative biology, and science education.

John describes himself as a "theoretical biologist who specializes in molecular evolution, evolutionary bioinformatics, image analysis, and mathematical biology education. My interests are deeply involved with various aspects of promoting interdisciplinary work: science, technology, and society; history, philosophy, and social studies of biology; art and science (STEAM – putting art in Science, Technology, Engineering, and Mathematics); numeracy (quantitative reasoning); Citizen Science and Participatory Democracy; international collaboration (International Union of Biological Sciences); mathematics and science education (PBL, collaborative learning, open-ended investigations, strategic simulations for learning long-term strategies of research, problem-solving, interdisciplinary education, progressive cyberlearning); and, promoting diversity and student retention."

It can be a lot to unpack unless you appreciate that one of John's fundamental qualities is identifying intersections (or making them happen into existence). John earned his BS in Biochemistry and Mathematics and MS in Genetics and...
Microbiology, both at the University of Minnesota. He then earned his PhD in Evolution, Molecular, and Cellular Biology at the University of Miami. He also has an Honorary Doctor of Science from the University of Minnesota.

John's experience teaching evolutionary biology led him to get involved in many organizations, including NABT. His service to NABT resulted in him being appointed editor of The American Biology Teacher in 1984. He also was NABT's formal representative to AAAS for many years.

In 1986, John co-founded the BioQUEST Curriculum Consortium, then at Beloit College. Working with Nils S. Peterson, CEO of From the Heart Software, John developed the “3 P’s” (problem posing, problem-solving, and peer persuasion) in learning biology that is the bedrock of BioQUEST's approach to resource and network development. Interestingly, the 3P’s were introduced not in a biology teaching journal but in Academic Computing in 1988.

After stepping down as the decades-long director of BioQUEST, John joined the faculty at the University of Delaware, where he is a Professor of Biological Sciences and Mathematical Sciences, the Inaugural Fellow of the Honors College, and Associate Director of the Institute for Transforming University Education.

Throughout his time at BioQUEST and now at the University, John has served as the editor for several journals, received awards and honors like being named a Fellow of AAAS, ACUBE, AIBS, and SICB, being a Fulbright Scholar in Thailand, and being a recipient of the Bruce Alberts Award from the American Society for Cell Biology and the T. H. Huxley Award from the Society for the Study of Evolution. He also has an award named after him. The John Jungck Prize for Excellence in Education is now given by the Society for Mathematical Biology.

"My aspiration as a biology educator has been to try to create a community devoted to making biology education more open and accessible so as to be more inclusive, collaborative, and supportive," said John in a statement. "As an evolutionary biologist and genetics educator, I believe that mathematics is a civil right that empowers students to become better citizens in a participatory democracy and socially responsible."

John's career changed how we teach biology. But as the letters of support for the honorary membership illustrated, John also changed why we teach biology. Words like "mentor," "connector," and "friend" really do get closer to describing John. And don't forget "Godfather."

NABT will officially recognize Dr. John Jungck at the 2022 Honors Luncheon during the NABT Professional Development Conference, where we can finally thank him for making (a least some of) us enjoy teaching math.