



Rowan College at BURLINGTON COUNTY

Spotlight on the Division of Science, Technology, Engineering and Mathematics (STEM)

February 2020

Message from the Dean

Happy Spring,

Many colleges and universities have their most important academic celebrations during this spring semester. This is not different at RCBC, where faculty, staff and students are preparing for graduation. However, there are many notable events taking place also in the STEM Division. Other than the Black History Month festivities, the following events are in preparation:

- Thanks to Dan Sullivan, NSF-ATE Grant Coordinator, the STEM division received funding from the NJ STEM Pathway Network to celebrate Women in STEM in March 2020.
- Our computing programs are preparing for their ATMAE accreditation campus visit on April 19-21, 2020.
- The STEM Industry Advisory is creating a monetary scholarship award to be given to a STEM student during the RCBC Academic Award ceremony on May 2, 2020.
- Lisa Steinberg, the Fashion program students and faculty are preparing an award-winning fashion show on May 8, 2020.

Please join the Division in celebrating our staff, student and faculty accomplishments during each one of these events.

Dr. Edem G. Tetteh, Dean

Congratulations!!

Congratulations to STEM's newly tenured faculty! Biology Instructor, **Anne Tokazewski** and Mathematics Instructor **Priti Mihalik** were approved for tenure on January 21.

Department Updates

Biology

Biology Instructor, **Anne Tokazewski**, will present “*Randomizing Sampling - Minimizing Bias Through Experimental Design and Collection*” at the 23rd Annual Barnegat Bay Environmental Educators Round Table on April 22, 2020. The event will be located at the [Lighthouse Center for Natural Resource Education](#), in Waretown, NJ. Teachers and educators can register for this indoor/outdoor event that offers an array of workshops to choose from, various exhibiting environmental organizations, a delicious dinner, keynote speaker, door prizes and professional development certificates. Registration opens in January 2020.

Culinary Arts



On December 19, the RCBC Culinary Department, in partnership with Aspire

Youth Development and The Perfecting Church, hosted the second Perfect Holiday Dinner for 30 in-need families in our area. Some of the Culinary students came in to assist Chef Tim Witcher with food production.

Students in the Culinary Department will compete in "Let Them Eat Cake," an amateur/professional cake competition in Philadelphia on March 15. Two teams of students will compete against other culinary schools for the top prize of a 3D printer. The contest is hosted by the magazine "Variety," and all tickets sold from the event get donated to charity.

Congratulations to the following Culinary Students and Alumni:

- **Angie Palma**, Hospitality alumna, was recently promoted to Valet Supervisor at Harrah's Resort.
- **Eva Markakis**, Pastry student, was recently hired as a Full-Time Baker at Rowan University.

ATMAE Accreditation Update

Final touches are being completed on the ATMAE (Association of Technology, Management, and Applied Engineering) Self Study which will be submitted to the organization in March. The ATMAE Accreditation Team will visit the RCBC campus from April 19-21 to review the following programs.

- Computer Science (AS.CSE)
- Computer Information Systems (AS.INF)
- Computer Management Information Systems (AAS.MIS)
- Cybersecurity (AAS.IAC)

ATMAE currently accredits a total of 180 Baccalaureate-level programs in 58 institutions, a total of 273 Associate-level programs in 49 institutions and 13 Master-level programs in 5 institutions. (www.atmae.org)

Scholarship Opportunity

The AAUW (American Association of University Women) Medford Area Branch Scholarship Committee will accept applications for their \$1,000 Annual Scholarship for a non-traditional female college student through March 31, 2020. The scholarship, intended to help ease the burden of college expenses for the recipient, will be awarded in May 2020. You can find the application form and complete requirements on the web at <http://medford-nj.aauw.net/>.

Faculty Success Stories

Math Instructor, **Jonathan Weisbrod**'s article "Creating a Differential Equations Course Using the Backward Design Process" was published in the Winter 2020 issue of the MathAMATYC Educator.

Physics instructor, **Richard Lynch**, along with his wife have created a New Jersey Based LLC called STEAM Team Live. Currently in their third season, the couple hosts live Facebook events during which they facilitate conversation around STEAM (Science, Technology, Engineering, Arts and Mathematics). Tune in on Thursdays around 8:30 pm at <https://www.facebook.com/STEAMTeamLive>. Episodes are subsequently uploaded to their website <https://steamteamlive.com/>.

Senior Adjunct, **Dr. Prachi Narayan**, has accepted a full time position as Scientist in Pre-clinical Drug Discovery Programs for the Oncology Therapeutic Area of Janssen Pharmaceuticals.

STEM Senior Adjunct, **Dr. Randy Weintraub** and co-author Dr. Barbara Ameer of Rutgers-Robert Wood Johnson Medical School will present their paper entitled, "Symposium on proteins and other macromolecules: Design and assessment of outreach program," at the American Chemical Society Spring National Meeting in Philadelphia, March 22-26. The oral presentation will be part of the Division of Chemical Education session on "Fundamentals of Chemistry Outreach Education: From Program Design to Assessment."

A Joyous Choral Celebration

Alice Marsh, computer lab staff member, performed with the Burlington Entertainers when they presented “A Joyous Choral Celebration” of American and Irish folk, Spiritual, Pop, Patriotic and Broadway favorites. The Burlington Entertainers, a community chorus of fifty members, provide performances throughout Burlington County - main stage shows, performances at retirement homes and hospitals. The organization raises over \$10,000 each year for the Deborah Heart and Lung Foundation.

STEM at RCBC

Striving to meet STEM’s PAQ

P– Promotion

A– Access

Q– Quality

Send any newsworthy articles to staylor@rcbc.edu to be included in the next newsletter.

SCIENCE and TECHNOLOGY: YOUR FUTURE, OUR PASSION

Mission— is to create an exciting, engaging, and enriching learning environment and opportunities using the unique talents of faculty and staff.

Goals:

1. Create a high quality educational experience to STEM students.
2. Empower students to excel in STEM fields at the local, regional, national and global stage.
3. Promote excellence in teaching, learning and service to community.

Contact Us

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