

TO: Dr. R. Bruce Mattingly, Dean, Arts and Sciences
FROM: Math and Science Sub-school Personnel Committee
DATE: March 25, 2022
RE: Continuing Appointment Recommendation for Dr. Eric Edlund,
Physics Department

The Math and Science Sub-school Personnel Committee met on Friday, March 11, to consider the continuing appointment of Dr. Eric Edlund, Associate Professor in the Physics Department. Members of the Committee discussed his accomplishments in the areas of teaching, scholarship, and service as documented in his portfolio. After a 24-hour waiting period, the committee members voted by secret ballot as follows:

Recommend for continuing appointment	4
Do not recommend	0

The committee's vote was based on the following considerations:

Teaching

Since his arrival at Cortland, Dr. Edlund has taught Elementary Mechanics and Heat (PHY 105), Principles of Physics I, II, and III (PHY 201, 202, 203), Intermediate Physics Laboratory (PHY 357), Energy and Sustainability (PHY 405), Classical Mechanics (PHY 420), Classical Mechanics II (PHY 429), and Independent Studies (PHY 495). These courses range from a non-majors' introductory course (PHY 105) to senior level courses for physics majors. The portfolio of his work provides ample evidence of a thoughtful, evolving pedagogical approach. There has been mixed feedback from his students, which may be consistent with implementing innovative teaching practices in a progressive approach to course development. Dr. Edlund has experimented with co-teaching and flipping classroom course structure in recent years. He has devoted considerable work to reinventing his courses, and we encourage him to continue in the reflective and active development of his teaching philosophy that he has demonstrated in his years at Cortland.

Scholarship

Dr. Edlund's scholarly record, as mentioned by both his departmental personnel committee and his department chair, has been excellent. He has maintained active research connections with the Max Planck Institute and with MIT and has published seven articles and two technical reports since his arrival at Cortland. Notably, two of his publications have been based on his work here at SUNY Cortland, rather than off-campus. His Cortland-based scholarly activity has extended to supervising the work of at least nine Cortland undergraduates. Mentoring students through the process of executing and presenting a research project, whether in written technical report form or by a presentation at *Transformations*, is a critical contribution to scholarship on campus. This level of engagement with student researchers and productive, publishable work is exemplary.

Service

In addition to his scholarship, Dr. Edlund has contributed to his department by chairing his department's curriculum committee. He has spearheaded adjustments to course prerequisites and facilitated the approval of two new courses through curriculum review. Additionally, Dr. Edlund contributed greatly to the Physics Department's most recent review. Dr. Edlund chairs the Education Policy Committee and serves on the committee for the Alumni-Undergraduate Research Science Symposium. He has contributed to numerous campus-wide and SUNY-wide programs regarding the development of effective online teaching methods, as well as participated in the Writing in the Disciplines faculty fellow program.

In summary, we congratulate Dr. Edlund on his accomplishments at Cortland and the committee looks forward to his continuing success in the years to come. In recognition of Dr. Edlund's efforts and contributions, we unanimously recommend him for continuing appointment.

On behalf of the Math and Science Sub-school Personnel Committee,



Steven Broyles
Committee Chair

Committee Members
David Barclay, Geology
Karen Downey, Chemistry
Isa Jubran, Mathematics

cc. Dr. Eric Edlund, Associate Professor, Physics Department
Dr. Moataz Emam, Chair, Physics Department Personnel Committee
Dr. Douglas Armstead, Chair, Physics Department