



College of Earth, Ocean,
& Environment

Estella Atekwana, Dean
111 Robinson Hall
Newark, DE 19716
Phone: 302-831-2841
Fax: 302-831-4389
Email: atekwana@udel.edu

December 3, 2018

Dear Curriculum Committee,

I am writing in support of the proposal for a Microbiology Graduate Program that has been developed by a faculty working group representing five Colleges at the University of Delaware: Agriculture & Natural Resources, Arts & Sciences, Earth, Ocean & Environment, Engineering, and Health Sciences. The College of Arts & Sciences is pleased to offer its full support to this proposal and will commit one year of student support per year to the Microbiology Graduate Program for the program's five-year provisional period.

The proposed program represents a critical area of research in the 21st century. It builds on strengths at the University of Delaware and promises to attract excellent students who have an interest in approaching microbiology from an interdisciplinary perspective. This program will allow us to effectively leverage other investments that we are making, such as faculty growth in the Department of Biological Sciences and planning for the replacement of McKinly Lab.

The program will be an excellent interdisciplinary option for both students and faculty. Please keep me updated on the progress of this proposal to the University of Delaware Faculty Senate.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Estella Atekwana', with a long horizontal line extending to the right.

Estella Atekwana, Ph.D.
Dean



The Tower at STAR
100 Discovery Blvd. – 7th Floor
Newark, DE 19713
Phone: 302-831-8370

4 December 2018

Nicole Donofrio, PhD
Associate Professor, Plant Pathology
162 Townsend Hall
Newark, DE 19716

Dear Dr. Donofrio,

I am writing in support of the proposal for a Microbiology Graduate Program that has been developed by the faculty working group representing five Colleges at the University of Delaware: Agriculture & Natural Resources, Arts & Sciences, Earth, Ocean & Environment, Engineering, and Health Sciences. The College of Health Sciences is pleased to offer its full support to this proposal and will commit one year of student support per year to the Microbiology Graduate Program for the program's first three years of its five-year provisional period.

The proposed program represents a critical area of research in the 21st century. It builds on strengths at the University of Delaware and promises to attract excellent students who have an interest in approaching microbiology from an interdisciplinary perspective. This program will allow us to effectively leverage other investments that we are making, such as faculty growth in the Department of Medical and Molecular Sciences.

The program will be an excellent interdisciplinary option for both students and faculty. Please keep me updated on the progress of this proposal to the University of Delaware Faculty Senate.

Sincerely,

A handwritten signature in black ink that reads 'Kathleen S. Matt'.

Kathleen S. Matt, PhD
Dean, College of Health Sciences
ksmatt@udel.edu

HEALTH SCIENCES

www.udel.edu/chs

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Dear Curriculum Committee,

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The program will be an excellent interdisciplinary option for both students and faculty. Please keep me updated on the progress of this proposal to the University of Delaware Faculty Senate.

Sincerely,



John A. Pelesko
Dean and Professor

December 3, 2018

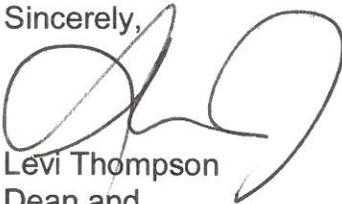
Dear Curriculum Committee:

I am writing in support of the proposal for a Microbiology Graduate Program that has been developed by a faculty working group representing five Colleges at the University of Delaware: Agriculture & Natural Resources, Arts & Sciences, Earth, Ocean & Environment, Engineering and Health Sciences, Health Sciences. The College of Engineering is pleased to commit one year of student support per year to the Microbiology Graduate Program for the program's five year provisional period.

The proposed program represents a critical area of research in the 21st century. It builds on strengths at the University of Delaware and promises to attract excellent students who have an interest in both the scientific aspects of water, as well as the tools needed to develop sound policy. This program will allow us to effectively leverage other investments that we are making.

The program will be an excellent interdisciplinary option for both students and faculty. Please keep me updated on the progress of this proposal to the University of Delaware Faculty Senate.

Sincerely,



Levi Thompson
Dean and

Elizabeth Inez Kelley Professor of Chemical Engineering



Office of the Dean
Townsend Hall, Rm. 113
531 S. College Avenue
Newark, DE 19716-2103
Phone: 302-831-2501
Fax: 302-831-6758

Dear Curriculum Committee:

I am writing in support of the proposal for a Microbiology Graduate Program that has been developed by a faculty working group representing five Colleges at the University of Delaware: Agriculture & Natural Resources, Arts & Sciences, Earth, Ocean & Environment, Engineering and Health Sciences, Health Sciences. The College of Agriculture & Natural Resources is pleased to commit one year of student support per year to the Microbiology Graduate Program for the program's five year provisional period.

The proposed program represents a critical area of research in the 21st century. It builds on strengths at the University of Delaware and promises to attract excellent students who have an interest in both the scientific aspects of water, as well as the tools needed to develop sound policy. This program will allow us to effectively leverage other investments that we are making.

The program will be an excellent interdisciplinary option for both students and faculty. Please keep me updated on the progress of this proposal to the University of Delaware Faculty Senate.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Rieger'.

Mark Rieger
Dean and Professor

November 27, 2018

Dear Drs. Maresca and Donofrio,

The Department of Chemistry & Biochemistry fully supports your efforts in the development of the new Master's and Ph.D. degree programs in the area of Microbiology. We welcome students from the new programs to take courses within our department that fall within your curriculum. Specifically, students will be allowed to enroll in the CHEM 641, Biochemistry.

We are very excited to be a part of this initiative, and we look forward to seeing Microbiology students in our classroom. We wish you great success.

Sincerely,



Brian J. Bahnsen, Ph.D.
Professor and Chair of the Department of Chemistry & Biochemistry

November 26, 2018

Dear Drs. Maresca and Donofrio,

The Department of Medical and Molecular Sciences fully supports your efforts in the development of the new interdisciplinary Master's and Ph.D. degree programs in the area of Microbiology. We welcome students from the new programs to take courses within our department that fall within your curriculum.

Specifically, students will be allowed to enroll in the following courses:

MEDT 650 *Medical Biochemistry*
MEDT 690 *Clinical and Molecular Cell Biology*

We are very excited to be a part of this initiative and we look forward to seeing Microbiology students in the classroom. We wish you great success.



Esther Biswas-Fiss, Ph.D., MB(ASCP)^{CM}
and Chair, Department of Medical and Molecular Sciences

cc: Dean, College of Health Sciences
Diana Levering, Academic Support Coordinator, MMSC
Samuel Wilson, College of Health Sciences Chief Business Officer



DEPARTMENT OF
BIOLOGICAL SCIENCES
OFFICE OF THE CHAIR

University of Delaware
Newark, Delaware 19716-2590
Ph: 302/831-4296
Fax: 302/831-2281

E. Fidelma Boyd, Ph.D.
Professor and Interim Chair
Department of Biological Sciences
118C Wolf Hall
Telephone (302) 831-4296
E-mail: fboyd@udel.edu

FROM: Professor E. Fidelma Boyd, Interim Chair

RE: New Master's and Ph.D. degree programs in Microbiology, Letter of Support

December 4th, 2018

Dear Drs Maresca and Donofrio,

The Department of Biological Sciences fully supports your efforts in the development of the new Master's and Ph.D. degree programs in Microbiology.

We welcome students from the new programs to take courses within our department that fall within your curriculum.

Specifically, students will be allowed to enroll in the following course:

BISC850 Advanced Topics in Biology

The department looks forward to the new program's success.

Sincerely,

A handwritten signature in blue ink that reads "E. Boyd".

E. Fidelma Boyd
Professor and Interim Chair



Plant & Soil Sciences
Townsend Hall, Rm. 152
531 S. College Avenue
Newark, DE 19716-2170
Phone: 302-831-2531

November 26, 2018

Dear Drs. Maresca and Donofrio,

The Department of Plant and Soil Sciences fully supports your efforts in the development of the new Master's and Ph.D. degree programs in the area of Microbiology. We welcome students from the new programs to take courses within our department that fall within your curriculum. Specifically, students will be allowed to enroll in the following three courses:

PLSC 619 Soil Microbiology
PLSC 611 Molecular Plant Pathology
PLSC811 Current Topics in Microbiology

We are very excited to be a part of this initiative and we look forward to seeing Microbiology students in the classroom. We wish you great success.

Respectfully,

A handwritten signature in black ink that reads 'Erik Ervin'.

Erik Ervin, Ph.D.
Chair and Professor

December 3, 2018

Dear Prof. Maresca and Prof. Donofrio:

The Department of Chemical and Biomolecular Engineering fully supports your efforts in the development of the new Master's and Ph.D. degree programs in the area of Microbiology. We welcome students from the new programs to take courses within our department that fall within your curriculum. Specifically, students will be allowed to enroll in the following courses:

CHEG420: Biochemical Engineering
CHEG621: Metabolic Engineering

We are very excited to be a part of this initiative and we look forward to seeing Microbiology students in the classroom. We wish you great success.

Sincerely,



Eric M. Furst
Professor and Department Chair

EMF/cky



November 26, 2018

Dear Drs. Maresca and Donofrio,

The Department of Animal and Food Sciences fully supports your efforts in the development of the new Master's and Ph.D. degree programs in the area of Microbiology. We welcome students from the new programs to take courses within our department that fall within your curriculum. Specifically, students will be allowed to enroll in the following two courses:

ANFS 635 Animal Virology
ANFS 636 Immunology of Domestic Animals
ANFS 639 Food Microbiology
ANFS 649 Food Biotechnology
ANFS 655 Gut Microbiome
ANFS 671 Paradigms in Cell Signaling

We are very excited to be a part of this initiative and we look forward to seeing Microbiology students in the classroom. We wish you great success.

Sincerely,

A handwritten signature in black ink, appearing to read "Limin Kung, Jr.", written on a light-colored background.

Limin Kung, Jr., Ph.D.
Professor and Chairperson



Department of Civil and Environmental
Engineering
301 DuPont Hall
University of Delaware
Newark, Delaware 19716

November 26, 2018

Dear Drs. Maresca and Donofrio,

The Department of Civil and Environmental Engineering fully supports your efforts in the development of the new Master's and Ph.D. degree programs in the area of Microbiology. We welcome students from the new programs to take courses within our department that fall within your curriculum.

Specifically, students will be allowed to enroll in CIEG644 Microbiology of Engineered Systems.

We are very excited to be a part of this initiative and we look forward to seeing Microbiology students in the classroom. We wish you great success.

Respectfully,

A handwritten signature in cursive script that reads "Sue McNeil".

Sue McNeil, Ph.D. Chair and Professor



College of Earth, Ocean,
& Environment
SCHOOL OF MARINE SCIENCE & POLICY

Hugh R. Sharp Campus
700 Pilottown Road
Lewes, DE 19958-1298 U.S.A.

November 26, 2018

Dear Drs. Maresca and Donofrio,

On behalf of the School of Marine Science and Policy, I fully supports your efforts in the development of the new Master's and Ph.D. degree programs in the area of Microbiology. We welcome students from the new programs to take courses within our department that fall within your curriculum.

Specifically, students will be allowed to enroll in the following courses, which support your program:

MAST625: Microbial Physiology and Diversity
MAST626: Microbial Genetics and Genomics
MAST616: Methods in Molecular Biology
MAST634: Marine Molecular Science

We are very excited to be a part of this initiative and we look forward to seeing Microbiology students in the classroom. We wish you great success.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark A. Moline'.

Mark A. Moline
Director, School of Marine Science and Policy