

Undergraduate Research Program

Program Overview

Greetings! The Hansjörg Wyss Department of Plastic Surgery at NYU Langone Medical Center & Department of Biomaterials & Biomimetics at the NYU School of Dentistry invite you to apply for a position as an undergraduate research associate. This is an exciting new program intended for CUNY students achieving academic excellence to develop a strong research background.

Program Description

This program is intended to prepare undergraduates for a career as a clinician-scientist by providing the opportunity to participate in a premier research experience offered at the one of the largest translational surgical laboratories in the country, here at NYU.

Students will conduct cutting-edge translational research in the fields of bone regeneration and surgical hardware optimization with technologies including, but not limited to: 3D printing, microCT imaging, nano-indentation, and histological analysis software. The duration of this program is one academic year. Students will be expected to function at the level of research associate, and will be expected to contribute extensively to experiments, attend laboratory meetings, and give a research presentation prior to culmination of the research year. Academic credit for independent study may be possible as well.

Application Requirements

- Applicants must be from Baruch College, or another CUNY institution
- Applicants must:
 - Complete the application form
 - Provide a one-page personal statement discussing career objectives
 - Provide one letter of recommendation from a science faculty member
 - Provide curriculum vitae
 - Provide a school transcript (unofficial transcript is acceptable)
- Applications will be reviewed by the program coordinator, lab director, and Principal Investigator, and based on this review, students will be invited for an interview
- Applications should be sent to Christopher D. Lopez at christopher.lopez@icahn.mssm.edu as one file/folder. Letters of recommendation should be emailed directly to the same email address.

Contact Information:

Christopher D. Lopez, B.A.

Program Coordinator

NIH Research Fellow, Hansjörg Wyss Department of Plastic Surgery/ Department of Biomaterials & Biomimetics, NYU

M.D. Candidate, Icahn School of Medicine at Mount Sinai

Christopher.lopez@icahn.mssm.edu

Lukasz Witek, M.Sci., Ph.D.

Post Doctoral Research Associate/Assistant Research Scientist

Director, Material Analysis and Testing Laboratory

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Paulo G. Coelho, D.D.S., Ph.D.

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Biomaterials and Biomimetics, NYU School of Dentistry

Hansjörg Wyss Department of Plastic Surgery, NYU Langone Medical Center

Pgcoelho@nyu.edu

Application for Undergraduate Research Experience

Student Data

Name: _____ Gender (circle): F M
Last First M.I.

Address: _____
Street City/State/Zip code

Phone: (____) ____ - ____ Email: _____ DOB: _____

Undergraduate Institution: _____

Date of Expected Graduation: _____ (Month, Year) Expected Degree: _____ (e.g. B.A.)

Race/Ethnicity:

African American

Asian

Caucasian

Hispanic or Latino

Native American (American Indian, Native Hawaiian, Alaskan Native)

Other: _____

MCAT/DAT/GRE Score (if applicable) _____

Which type graduate program do you intend to matriculate into? (e.g. medical school, dental school, PhD program) _____

If applying to medical school, do you have a specialty in mind yet? (not required)

Supplementary Application Checklist

In addition to completing this application form, please submit the following items:

- Personal statement discussing career goals
- One letter of recommendation from a science faculty member
- Curriculum vitae
- School transcript

Please email application to Christopher.lopez@icahn.mssm.edu