BOTANY AND PLANT SCIENCE





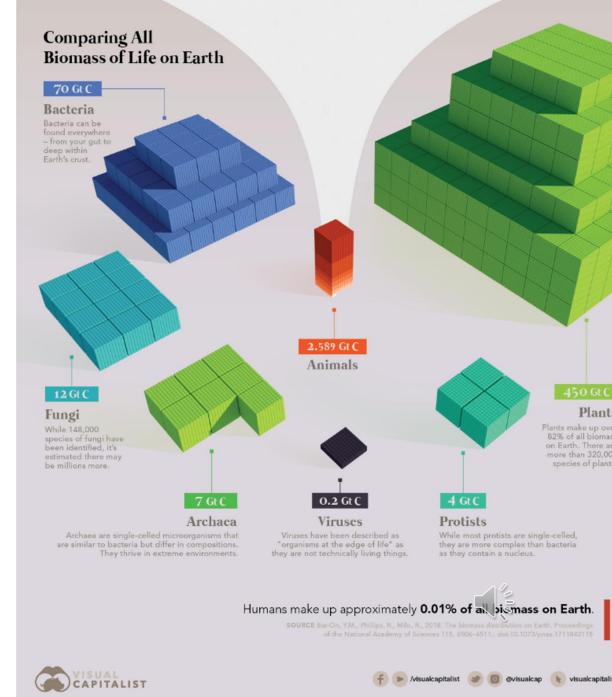


320,000+ SPECIES OF PLANTS

- Botany and Plant Science includes the study of:
 - Plants
 - Algae
 - Fungi
 - Lichens
 -and their interactions with other organisms and the abiotic environment



PLANTS MAKE UP 82% OF ALL BIOMASS ON EARTH!

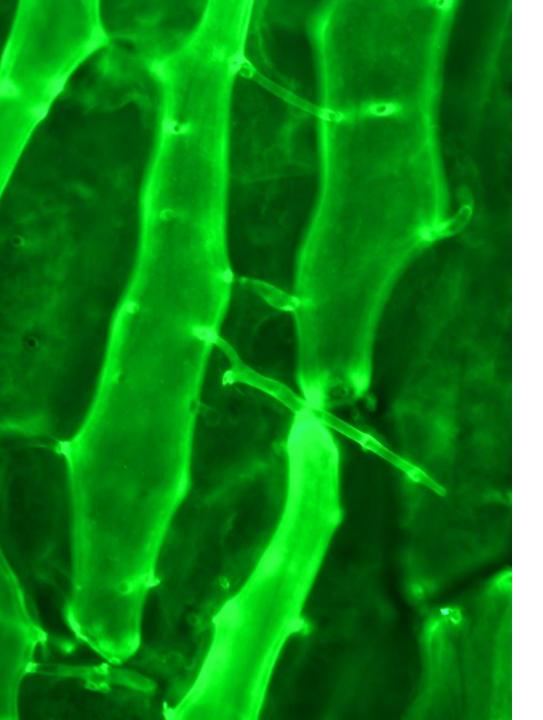




FROM ECOSYSTEM

. . .





....TO CELLULAR



STUDIES INCLUDE LAB-, FIELD-, LECTURE/TUTORIAL/SEMINAR- BASED



THE UNIVERSITY OF GALWAY IS IN A UNIQUE ENVIRONMENT: FLORA, COMMUNITY AND ECOLOGY

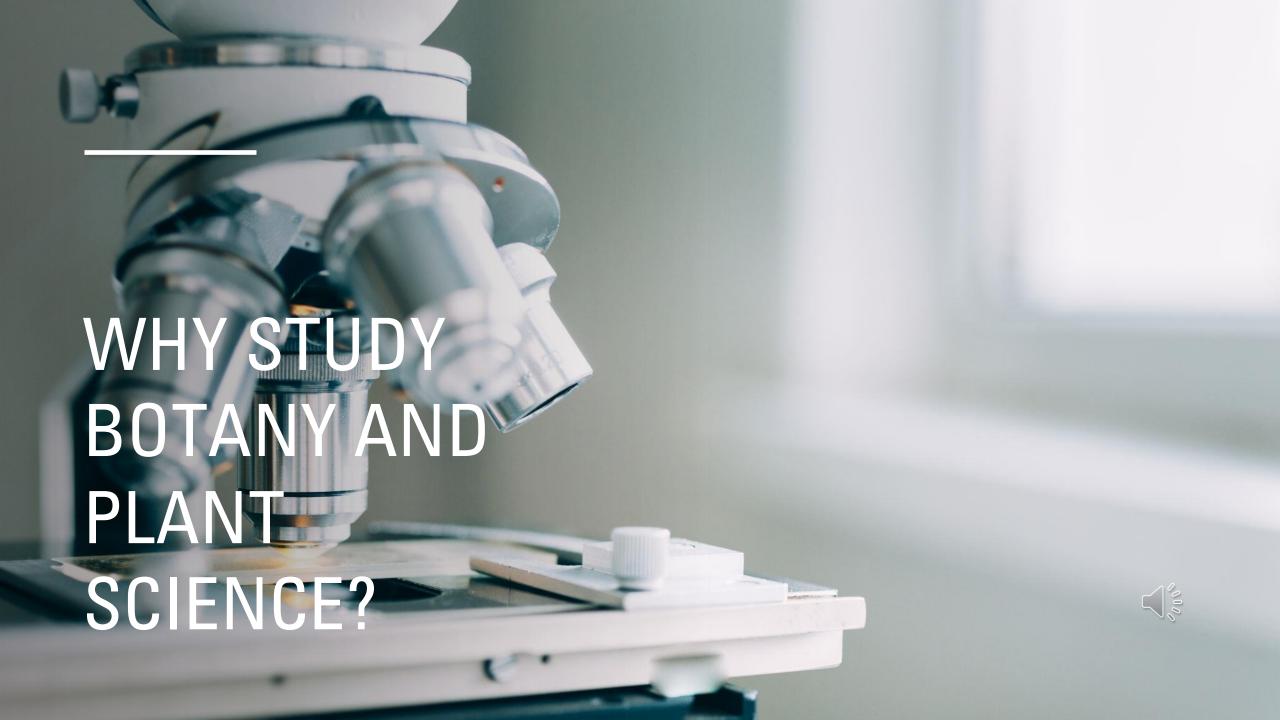


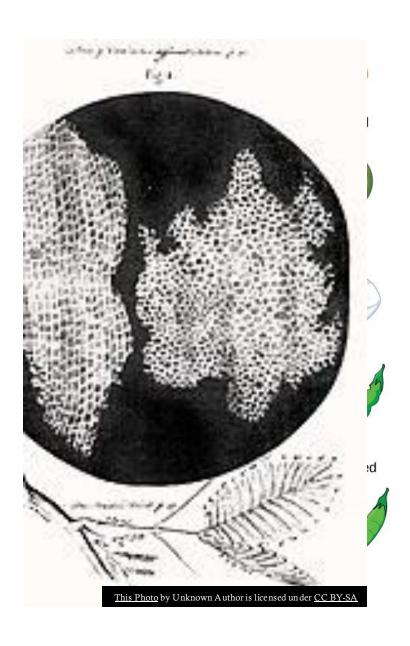
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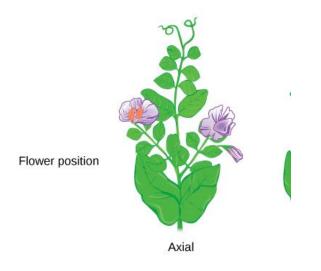


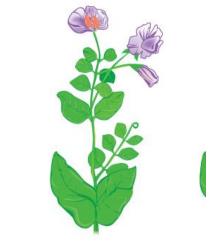
INCLUDING THE CAMPUS!











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Stem height

FUNDAMENTAL SCIENTIFIC KNOWLEDGE DISCOVERED USING PLANTS

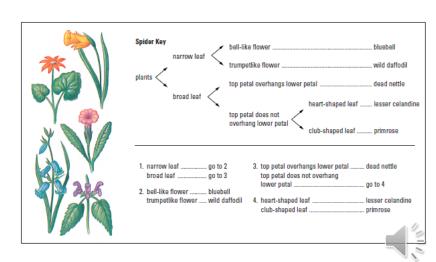
- Cells
- Genes
- Transposons
- •



OPPORTUNITY TO LEARN AND APPLY MANY TECHNIQUES

- Lab-, Herbarium-, and field- based!
- Culture techniques...
- Plant and algal identification
- Microscopy
- Biochemical analyses
- Survey techniques...
- Ecological impact studies







MANY CAREER OPPORTUNITIES!



OUR GRADUATES



Finbarr McCann:
Environmental Consultant
Graduated 2022
School: Enniskillen Grammar,
Co. Fermanagh



in Molecular Palaeobotany and Evolution, Edinburgh University Graduated 2020 (BSc), 2021 (MSc) School: Haddon Township High School, New Jersey, USA

Teagan Reinert: PhD Student



Eithne Browne: PhD
Student in Plant Pathology
and Epidemiology, NIAB,
UK
Graduated 2016 (BSc), 2018
(MSc)
School: The Royal and Prior
Comprehensive School,
Raphoe, County Donegal



Niall Higgins: Senior
Business Development
Manager, Applied Health
and Nutrition, Kerry Group
Graduated 2007 (BSc), 2011
(PhD)
School: St. Josephs Conege, The
Bish, Galway



KNOWLEDGE ABOUT PLANTS!

- Botanist Felipe Zapata
- https://discoverandshare.org /2022/01/28/the-botanistbehind-encantos-plants/







USEFUL LINKS:

Botanical Society of Britain and Ireland (https://bsbi.org/)

Botanical Society of America (https://cms.botany.org/home.html)

What is Botany? (https://cms.botany.org/home/careers-jobs/careers-in-botany/what-is-botany.html)

Some Frequently Asked Questions about a Career in Botany (https://cms.botany.org/home/careers-jobs/careers-in-botany/some-frequently-asked-questions-about-a-career-in-botany.html)

Why Choose a Career in Botany? (https://cms.botany.org/home/careers-jobs/careers-in-botany/why-choose-a-career-in-botany.html)

Studying Plant Science Is Vital (https://www.youtube.com/watch?v=s9GZqCryKaQ)

Plant Sciences: Why I Study Plants (https://www.youtube.com/watch?v=i05x18nIPNs)

Why You Should Major in Plant Biology (https://www.youtube.com/watch?v=ZkfQWTjyk8o)

