

Certificate of Completion

THIS ACKNOWLEDGES THAT

Justine Christian Mulig

HAS SUCCESSFULLY COMPLETED

Laboratory Chemical Waste Management Training

Environmental Affairs

NC STATE UNIVERSITY

Environmental Affairs

October 23, 2024

Certificate of Completion

THIS ACKNOWLEDGES THAT

Justine Christian Mulig

HAS SUCCESSFULLY COMPLETED

Chemical Hygiene Plan

John Collins

NC STATE UNIVERSITY

John Collins

August 28, 2023

Certificate of Completion

THIS ACKNOWLEDGES THAT

Justine Christian Mulig

HAS SUCCESSFULLY COMPLETED

Laboratory Biological Safety Training

Darren Trembl

NC STATE UNIVERSITY

Darren Trembl

August 21, 2023



ISO 9001:2015



The Department of Science and Technology (DOST)
**PHILIPPINE COUNCIL FOR AGRICULTURE, AQUATIC AND NATURAL
RESOURCES RESEARCH AND DEVELOPMENT (PCAARRD)**

awards this

CERTIFICATE OF COMPLETION

to

Justine Christian Mulig

for having successfully completed the

**TRAINING-WORKSHOP ON HOW TO GET KEY DECISION
MAKERS TO SAY YES TO YOUR PROJECT IDEAS:
A TRAINING COURSE FOR PROJECT IMPLEMENTERS**

held on August 1-5, 2022 via Zoom.

Given this 5th day of August 2022.

REYNALDO V. EBORA, PhD
Executive Director





University of the Philippines Manila
Committee on Research Integrity

presents this

CERTIFICATE OF ATTENDANCE

to

Justine Christian H. Mulig

for attending the webinar on **Research Integrity and the Issue of Authorship**
conducted on September 27, 2021 via the Zoom webinar platform.

Given this 27th day of September 2021.

EDWARD H.M. WANG, MD, MSC
Chair, Committee on Research Integrity
University of the Philippines Manila



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Jul 7, 2021

Justine Christian Hadraki Mulig

has successfully completed

Researcher Management and Leadership Training

an online non-credit course authorized by University of Colorado System and offered through Coursera

AM Libby

Anne M. Libby, PhD
Professor and Vice Chair for Academic Affairs
University of Colorado School of Medicine

COURSE
CERTIFICATE



Verify at coursera.org/verify/38PHFYQJMBVF
Coursera has confirmed the identity of this individual and their participation in the course.

**Center for the Advancement
of Research in Mindanao**
University of the Philippines Mindanao

Preparing for Publication: A Young Researcher's Guide



CERTIFICATE OF PARTICIPATION

This certificate is hereby awarded to

for participating in the webinar entitled "Preparing for Publication: A Young Researcher's Guide" by Dr. Mark Angelo O. Balendres held on 29 June 2021.

Given this 29th of June 2021 at the University of the Philippines Mindanao,
Davao City, Philippines.

PROF. EMMA RUTH V. BAYOGAN, PhD
Director, Center for the Advancement
of Research in Mindanao

PROF. LARRY N. DIGAL, PhD
Chancellor, University
of the Philippines Mindanao



University of the Philippines Manila
Committee on Research Integrity

presents this

CERTIFICATE OF ATTENDANCE

to

Justine Christian H. Mulig

for attending the webinar on **Research Integrity and Plagiarism**
conducted on April 12, 2021.

Given this 12th day of April 2021.

EDWARD H.M. WANG, MD, MSC
Chair, Committee on Research Integrity
University of the Philippines Manila



4 Courses

Bioinformatic Methods I
Bioinformatic Methods II
Plant Bioinformatics
Plant Bioinformatics
Capstone



Jan 27, 2021

Justine Christian Hadraki Mulig

has successfully completed the online, non-credit Specialization

Plant Bioinformatic Methods

The Plant Bioinformatics specialization will expose you to the incredible wealth of data available to plant molecular biologists. Such data can be explored using a large number of online apps to help generate focused hypotheses about gene function. Even for genes that are well characterized, such databases and data sets can suggest new functions in novel contexts. The learning approach is highly hands-on using real tools, through 18 lab modules and a capstone. At the end of the specialization you'll be set for research studies in plant biology in academia or industry.

The online specialization named in this certificate may draw on material from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Professor Nicholas
Provart, PhD
Associate Professor,
Cell & Systems Biology,
University of Toronto

Verify this certificate at:
coursera.org/verify/specialization/KBYXTBH4GAR7



Dec 2, 2020

Justine Christian Hadraki Mulig

has successfully completed

The Data Scientist's Toolbox

an online non-credit course authorized by Johns Hopkins University and offered through
Coursera

Jeff Leek, PhD, Roger Peng, PhD, Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/5WV4LSR22GGM

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University. It does not confer a JHU grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.



**HIGHER EDUCATION
INSTITUTIONS'
TRAINING-WORKSHOP
ON RESEARCH PROJECT
DEVELOPMENT FOR
AGRICULTURE 4.0**



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This

CERTIFICATE OF PARTICIPATION

is given to

JUSTINE CHRISTIAN HADRAKI MULIG

for joining the "*Higher Education Institutions'
Training-Workshop on Research Project Development
for Agriculture 4.0*," held on 12 October 2020
via Zoom and Facebook Live.

Glenn B. Gregorio
Director
SEARCA



**HIGHER EDUCATION
INSTITUTIONS'
TRAINING-WORKSHOP
ON RESEARCH PROJECT
DEVELOPMENT FOR
AGRICULTURE 4.0**



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Glenn B. Gregorio
Director
SEARCA