

SIGMA XI CHAPTER ANNUAL REPORT FOR FISCAL YEAR 2021

The Chapter Annual Report covers activities from Fiscal Year 2021 (July 1, 2020 – June 30, 2021) and allows the chapter to provide the officer list and other important chapter information for Fiscal Year 2020 (July 1, 2019 - June 30, 2020)

Chapter ID Number: 45

Date Report Finalized: 7/14/2021

Chapter Name: University of Cincinnati

Region: NC Constituency: Research/Doctoral Univ (RD)

Current Fiscal Year Active Members: 118 Inactive Members: 927 Initiates Elected: 1

Previous Fiscal Year Active Members: 125 Inactive Members: 912 Initiates Elected: 5

I. Good Standing Status: Yes

1. Current officers on file? Yes
2. Delegate sent to at least one of the last 3 annual meetings? Yes
3. Chapter Annual Report on file? Yes
4. At least one new initiate in the last 2 years? Yes
5. Treasurer's Report on file? Yes
6. Chapter by-laws on file? Yes

II. Local Support Payments from Sigma Xi This Year: \$1935.97

III. Chapter Officers

Officers for Fiscal Year 2021

President Dyson, Brian E. (dyson.brian@epa.gov),

Vice President, Crowe, Kelly E. (kelly.crowe@msj.edu)

Secretary Vonderheide, Anne M. (pawleca@ucmail.uc.edu)

Treasurer Matter, Stephen F. (mattersf@ucmail.uc.edu)

HL Community Admin Dietsch, Craig W. (dietscc@ucmail.uc.edu)

Administrative Assistant Hanson, Margaret M. (margaret.hanson@uc.edu)

Contact Officer Haworth, Kevin J. (hawortkn@ucmail.uc.edu),

Executive Committee At-large Member for FY2021 Crowley, Brooke (crowlebk@ucmail.uc.edu),

Executive Committee At-large Member for FY2021 Cuppoletti, John (cuppolj@ucmail.uc.edu)

Executive Committee At-large Member for FY2021 Harris, Greg (harrigy@ucmail.uc.edu),

Executive Committee At-large Member for FY2021 Thomas, Zachary (thomaszm@mail.uc.edu),

Executive Committee At-large Member for FY2021 Kelly, Abigail (kelly2aa@mail.uc.edu),

Chair of Programs for FY2021 Benoit, Joshua (joshua.benoit@uc.edu)

Chair of Membership for FY2021 Pixley, Sarah (sarah.pixely@uc.edu)

Officers for Fiscal Year 2020

President Dietsch, Craig W. (dietscc@ucmail.uc.edu) Vice President Dyson, Brian

(dyson.brian@epa.gov), Treasurer Matter, Stephen F. (mattersf@ucmail.uc.edu) Secretary

Vonderheide, Anne M. (pawleca@ucmail.uc.edu) Administrative Assistant Hanson, Margaret M.

(margaret.hanson@uc.edu) Contact Officer Haworth, Kevin J. (hawortkn@ucmail.uc.edu)

IV. Delegate for Upcoming Annual Meeting

To remain in good standing, the chapter must send a delegate to at least one Annual Meeting every 3 years. Date the chapter last had representation at the Sigma Xi Annual Meeting: 11/5/20 Delegate:

Kelly Crowe

V. Chapter Operations

Identified new chapter leaders? Yes

Developed a chapter leader succession plan? Yes

Increased the number of members involved in or attending chapter activities? Yes

Reached out to inactive chapter members? Yes

Nominated new faculty, researchers or institutional leaders for Sigma Xi membership? Yes

Sent a student to the Sigma Xi Annual Meeting and Student Research Conference? No

Had a student involved in the Student Research Showcase? No

Communicated with chapter members via the Sigma Xi online chapter community? Yes

Communicated with chapter members via an electronic newsletter? No

Chapter mentored another chapter? No

Chapter worked with high school students? Yes

VI. Chapter Activities

Would you like to self-nominate the chapter for a chapter award? Yes

Activity Type: Chapter Annual Meeting Name of Activity: UC Sigma Xi Fall Mixer

Activity Date: 10/22/2020

Activity Details: The fall mixer was a virtual event due to the COVID-19 pandemic. It included a formal welcome by our chapter leadership, recognition of new members, and recognition of national GIAR Awardees. The central activity was introduction of, and presentations by, our Chapter's graduate awardees, who received our Chapter's GIAR awards the previous spring. The following graduate students presented: Megan Corcoran, Graduate Student, Geology, Christopher Holmes, Graduate Student, Biological Sciences, Zheng Yuan, Graduate Student, Chemical Engineering. The event concluded with mixer social time.

Activity Was: 100% sponsored by chapter Activity Participation: 32

Activity Participation Percentage: 75

Activity Years Occuring: Continuing Activity Chapter Health: Yes.

This event is one of the regular activities that brings our members together and also serves as a membership recruitment event.

Activity Share Details: Yes

Activity Target Audience: Undergraduates, Graduates, Professionals, Members Activity Modified

Activity Type: Chapter Networking Event Name of Activity: UC Sigma Xi Spring Mixer

Activity Date: 3/18/2021

Activity Details: This event was conducted virtually due to the COVID-19 pandemic. After a formal welcome from chapter leadership, we acknowledged our 2021 GIAR winners (who will give presentations on their research at the 2021 Fall Mixer). We also had a lecture from our 2020 Young Investigator Awardee, Kevin Haworth

Activity Was: 100% sponsored by chapter Activity Participation: 26

Activity Participation Percentage: 75

Activity Years Occuring: Continuing Activity

Chapter Health: Yes. The event allows us to bring together members and recognize outstanding contributions of both members and non-members. Also used the event for recruitment

Activity Share Details: Yes

Activity Target Audience: Undergraduates, Graduates, Professionals, Members Activity Modified

Activity Type: Grants-in-Aid of Research Name of Activity: Grant-in-Aid of Research Award

Activity Date: 2/6/2021

Activity Details: The UC Sigma Xi Chapter accepts applications from full-time matriculated undergraduate and graduate students for Grants-in-Aid of Research in all areas of science and engineering. Three to four awards are made annually. Students use their funding for travel expenses to and from research sites, to present research results at a national science or engineering meeting, or for purchase of consumable research materials and supplies or non-standard laboratory equipment necessary to complete a specific research project. Funds are not used for stipends or salaries. Recipients must be a full-time UC student, but are not required to be an Associate Member of Sigma Xi at the time of application, although each recipient's primary faculty research project mentor must be an active (dues-paying) Full Member of Sigma Xi (National and UC Chapter). Applicants are encouraged to apply for Associate Membership in Sigma Xi under the sponsorship of a Full Member and awardees receive a free year of membership as part of their award. Our Chapter can afford awards up to \$2,000 thanks to financial support from the UC Office of Research and the UC Graduate School.

Activity Was: Created and organized by chapter Activity Participation: 12

Activity Participation Percentage: 50

Activity Years Occuring: *Continuing Activity Chapter Health:* The GIAR is vital to the chapter not just because it serves our mission, but the award enables us to have speakers (the awardees) for our Fall Mixer Event.

Activity Share Details: Yes Activity Target

Audience: Undergraduates, Graduates

Activity Type: Chapter Award Name of Activity: Young Investigator Award

Activity Date: 2/4/2021

Activity Details: The UC Chapter of Sigma Xi receives nominations annually for the Sigma Xi Young Investigator Award. This annual award, presented in conjunction with the Office of the Vice President for Research, recognizes a junior faculty member at UC for their early career distinguished research accomplishments in a field of science or engineering appropriate to Sigma Xi. The Violet M. Diller Endowment makes this award possible to the UC Chapter of Sigma Xi and the Office of the Vice President for Research. A brief biography of this year's award winner was posted on our Chapter's website and distributed to all active and inactive UC Sigma Xi members to encourage attendance at our Spring Mixer.

Activity Was: 100% sponsored by chapter

Activity Participation Percentage: 100

Activity Years Occuring: Continuing

Activity Chapter Health: This award allows the chapter to recognize one faculty member within 10 year of receiving their PhD. The awardee then provides a lecture for our Spring Mixer

Activity Share Details: Yes

Activity Target Audience: Professionals, Members