

PURDUE UNIVERSITY GRADUATE SCHOOL

Minutes of the Graduate Council Meeting
January 18, 2024
2:30 p.m.

Fourth Meeting
Via Teams

PRESENT: Council Members, Eric Barker, chair, Nurgul Aitalieva, Kola Ajuwon, Brad Alge, Yong Bao, Shawn G. Bauldry, Arun Bhunia, Laura Bowling, Vetria Byrd, Jason Cannon, William B. Collins, Joy Colwell, Bryan DeWitt, Duane D. Dunlap, Emad Elwakil, Jason FitzSimmons, Catherine A. Golden, Jeffrey P. Greeley, Nancy Jackson, Troy D. Janes, Qing Jiang, Mary Johnson, Tong Jin Kim, Ann L. Kirchmaier, Douglas LaCount, Jiliang Li, Yanjun Li, Qiang Liu, Patti Ludwig-Mohler, Melanie Morgan, Dimitri Peroulis, Rodolfo Pinal, Julia M. Rayz, Carson Reeling, Laura Schwab-Reese, Joseph (Paul) Robinson, David Rollock, Paul Salama, Abraham Schwab, James Tisdale, Kristen (Kate) White, Josh Widhalm, Nicole Widmar, Christine Wuenschel, Amanda D. Zelechowski

ABSENT: Carrie Berger, Kevin D. Gibson, Erla Heyns, Kimberly Kinzig, Judith Lewandowski, Clarence D. Maybee, Patrick Wolfe

Dr. Eric Barker, Acting Associate Provost for Graduate Programs, called the meeting to order. Dr. Barker noted that Melissa Franks has joined the Graduate School as the new Director of Graduate Studies. This new position is to assist with graduate curricular reviews as part of the academic program proposal transformation process.

He stated that requests to serve on a new task force to determine the functions of the Graduate Council would be coming. In addition, a report has been sent to the Provost and President regarding the future of the Graduate School. The intent is to rename the Graduate School as we have discussed in the past to the Office for Graduate Students and Postdoctoral Scholars, emphasizing both graduate education and postdoctoral scholar work on campus.

NEW BUSINESS

A Posthumous Degree Recommendation for the late Ha Kyun (Jason) Ju, was submitted by his academic advisor, Professor Kyubyung Kang and the School of Construction Management Technology in the Purdue Polytechnic Institute, West Lafayette.

Given that Mr. Ju's coursework for the master's program was fully completed, it is Dr. Barker's conclusion that Mr. Ju meets the requirements to receive a posthumous Master of Science degree in the Construction Management Technology program.

Dr. Barker asked for a motion. The motion was received and seconded. The posthumous degree request was approved unanimously by the Graduate Council.

APPROVAL OF THE MINUTES

The November 16, 2023, minutes were moved to the Consent Agenda.

GRADUATE PROPOSAL APPROVALS

Appendix A, Graduate Program and Course Proposals, was moved to the Consent Agenda.

CONSENT AGENDA APPROVAL

Dr. Barker asked for a motion to approve the Consent Agenda. The Consent Agenda includes the November 16, 2023, Minutes, and Appendix A, Graduate Course and Program Proposals. The motion to accept the full Consent Agenda was received and seconded. The Consent Agenda was approved.

The meeting was adjourned by Dr. Barker at 2:58 p.m.

Eric Barker
Chair of the Graduate Council

Tina Payne
Secretary to the Graduate Council

**GRADUATE COUNCIL COURSE
AND PROGRAM PROPOSALS**

January 2024

GRADUATE COURSE PROPOSALS:**Area Committee A: Behavioral Sciences**

Graduate Council Document 24-43c, ASEC 55000 Program Evaluation in Formal and Non-formal Settings, PWL

[ASEC - 55000 - Prog Eval Frml & InFrml Set | Curriculum](#)

Graduate Council Document 24-12a, GRAD 50200 AI Interdisciplinary AI Fundamentals: Bridging Knowledge, PWL

[GRAD - 50200 - AI Fundamentals | Curriculum](#)

Graduate Council Document 24-12b, GRAD 50300 AI Essentials: A Non-Technical Introduction, PWL

[GRAD - 50300 - AI Essentials: Non-Tech Intro | Curriculum](#)

Graduate Council Document 24-12c, GRAD 50400 Advanced AI Fundamentals for Technical Professional, PWL

[GRAD - 50400 - Advanced AI Fundamentals | Curriculum](#)

Graduate Council Document 24-12d, GRAD 58900 Master of Science in Artificial Intelligence Capstone, PWL

[GRAD - 58900 - MSAI Capstone | Curriculum](#)

Graduate Council Document 24-18a, SWRK 59000 Social Work Practicum & Integrative Seminar I, PNW

[SWRK - 59000 - Social Work Practicum I | Curriculum](#)

Graduate Council Document 24-18b, SWRK 60500 Applied Social Work Research and Evaluation, PNW

[SWRK - 60500 - Applied Soc Wrk Res & Eval | Curriculum](#)

Graduate Council Document 24-18c, SWRK 61000 Prog Dev Mgmt Soc Serv Orgs, PNW

[SWRK - 61000 - Prog Dev Mgmt Soc Serv Orgs | Curriculum](#)

Graduate Council Document 24-18d, SWRK 63000 Clinical Interventions in Social Work, PNW

[SWRK - 63000 - Clinical Interv In Soc Wrk | Curriculum](#)

Graduate Council Document 24-18e, SWRK 65000 Psychopathology & Social Work Assessment II, PNW

[SWRK - 65000 - Psychopathol Soc Wrk Assess II | Curriculum](#)

Graduate Council Document 24-18f, SWRK 69000 Social Work Practicum & Integrative Seminar II, PNW

[SWRK - 69000 - Soc Work Pract & Integr Sem II | Curriculum](#)

Graduate Council Document 24-18g, SWRK 69500 Social Work Practicum & Integrative Seminar III, PNW

[SWRK - 69500 - SW Practicum & Int Sem III | Curriculum](#)

Graduate Council Document 24-18h, SWRK 69900 Social Work Capstone, PNW
[SWRK - 69900 - Social Work Capstone | Curriculum](#)

Graduate Council Document 24-20a, TECH 58300 Smart Manufacturing Applied Technologies, PWL
[TECH - 58300 - Smart Mfg Applied Tech | Curriculum](#)

Graduate Council Document 24-20b, TECH 58400 Financial Analysis for Smart Manufacturing, PWL
[TECH - 58400 - Financial Analysis Smart Mfg | Curriculum](#)

Graduate Council Document 24-20c, TECH 63300 Strategic Management of Technology Innovation, PWL
[TECH - 63300 - Strat Mgmt Of Techn Innovation | Curriculum](#)

Graduate Council Document 24-20d, TECH 63400 Global, Legal, Ethical Issues for Technology Leaders, PWL
[TECH - 63400 - Global, Legal, Ethical Issues | Curriculum](#)

Graduate Council Document 24-20e, TECH 63500 Global Perspectives in Emerging Technology, PWL
[TECH - 63500 - Global Perspect Emerging Tech | Curriculum](#)

Graduate Council Document 24-20f, TECH 63800 Leading & Managing Tech Organizations, PWL
[TECH - 63800 - Leading & Managing Tech Orgs | Curriculum](#)

Area Committee B: Engineering Sciences, and Technology

Graduate Council Document 24-43a, AAE 53300 Space Traffic Engineering Management, PWL
[AAE - 53300 - Space Traffic Management | Curriculum](#)

Graduate Council Document 24-43b, AAE 57100 Complex System Safety, PWL
[AAE - 57100 - Complex System Safety | Curriculum](#)

Graduate Council Document 24-5a, CGT 57207 UX Design Graduate Experience Studio, PWL
[CGT - 57207 - UX Design Studio | Curriculum](#)

Graduate Council Document 24-5b, CGT 62100 Compute Shader Programming, PWL
[CGT - 62100 - Compute Shader Programming | Curriculum](#)

Graduate Council Document 24-5c, CGT 69400 CGT Graduate Seminar, PWL
[CGT - 69400 - CGT Graduate Seminar | Curriculum](#)

Graduate Council Document 24-7a, CNIT 54300 Human-Computer Interaction Applied to Games And Education, PWL
[CNIT - 54300 - Hum Comp Int Appl To Game & Ed | Curriculum](#)

Graduate Council Document 24-7b, CNIT 64000 Advanced Research Topics In Blockchain Technology, PWL
[CNIT - 64000 - Blockchain Technology Research | Curriculum](#)

Graduate Council Document 24-8a, CS 52550 Introduction to Deep Learning, PNW

[CS - 52550 - Intro To Deep Learning | Curriculum](#)

Graduate Council Document 24-8b, CS 52560 Introduction to Artificial Intelligence, PNW

[CS - 52560 - Intro To Artificial Intell | Curriculum](#)

Graduate Council Document 24-8c, CS 53300 Computer Vision, PFW

[CS - 53300 - Computer Vision | Curriculum](#)

Graduate Council Document 24-8d, CS 53700 Full-Stack Web Development, PFW

[CS - 53700 - Full-Stack Web Devel | Curriculum](#)

Graduate Council Document 24-9a, ECE 50836 Introduction to Data Mining, PWL

[ECE - 50836 - Intro To Data Mining | Curriculum](#)

Graduate Council Document 24-9b, ECE 53202 Renewable Energy, PNW

[ECE - 53202 - Renewable Energy | Curriculum](#)

Graduate Council Document 24-9c, ECE 55310 Big Data, PNW

[ECE - 55310 - Big Data | Curriculum](#)

Graduate Council Document 24-9d, ECE 60281 Intro to Mathematical Fundamentals For Systems And Control, PWL

[ECE - 60281 - Intro Math Fundm Sys & Control | Curriculum](#)

Graduate Council Document 24-9e, ECE 60282 Epidemic Processes, PWL

[ECE - 60282 - Epidemic Processes | Curriculum](#)

Graduate Council Document 24-9f, ECE 60283 Epidemic Processes Over Networks, PWL

[ECE - 60283 - Networked Epidemic Processes | Curriculum](#)

Graduate Council Document 24-9g, ECE 60432 Nanophotonic Modeling, PWL

[ECE - 60432 - Nanophotonic Modeling | Curriculum](#)

Graduate Council Document 24-9h, ECE 61220 Advanced VLSI Design, PWL

[ECE - 61220 - Advanced VLSI Design | Curriculum](#)

Graduate Council Document 24-13a, MSE 57400 Sports Engineering and Entrepreneurship, PWL

[MSE - 57400 - Sports Engineering And Entrepr | Curriculum](#)

Graduate Council Document 24-19a, SYS 52000 Systems Engineering Processes and Professional Competencies, PWL

[SYS - 52000 - SE Processes And Competencies | Curriculum](#)

Area Committee C: Chemistry, Engineering, and Physical Sciences

Graduate Council Document 24-2a, BME 51000 Neural Mechanisms in Health And Disease, PWL

[BME - 51000 - Neural Mechanisms | Curriculum](#)

Graduate Council Document 24-2b, BME 53000 Imaging Diagnostic Technologies For Medical And Biological Applications

[BME - 53000 - Bio & Med Imag Diagnostic Tech | Curriculum](#)

Graduate Council Document 24-2c, BME 54200 Cell and Tissue Mechanics, PWL
[BME - 54200 - Cell & Tissue Mechanics | Curriculum](#)

Graduate Council Document 24-3a, CE 52900 Smart Construction, PWL
[CE - 52900 - Smart Construction | Curriculum](#)

Graduate Council Document 24-3b, CE 56201 Vehicular Cyber-Physical Systems, PWL
[CE - 56201 - Vehicular Cyber-Physical Syst | Curriculum](#)

Graduate Council Document 24-3c, CE 56401 Data Science for Smart Cities, PWL
[CE - 56401 - Data Science For Smart Cities | Curriculum](#)

Graduate Council Document 24-3d, CE 56601 Network Models for Connected And Autonomous Vehicles, PWL
[CE - 56601 - Network Models For CAVs | Curriculum](#)

Graduate Council Document 24-3e, CE 56901 Smart Logistics, PWL
[CE - 56901 - Smart Logistics | Curriculum](#)

Graduate Council Document 24-4a, CEM 58500 Temporary Structures, PWL
[CEM - 58500 - Temporary Structures | Curriculum](#)

Graduate Council Document 24-4b, CEM 58600 Development of Underground Space, PWL
[CEM - 58600 - Dev Of Underground Space | Curriculum](#)

Graduate Council Document 24-4c, CEM 58700 Underground Asset Management, PWL
[CEM - 58700 - Underground Asset Management | Curriculum](#)

Graduate Council Document 24-6a, CHE 50200 Analytical Approach to Healthcare Delivery, PWL
[CHE - 50200 - Anlyt Approach Healthc Deliv | Curriculum](#)

Graduate Council Document 24-10a, EEE 55401 Water Chemistry for Environmental And Ecological Engineering, PWL
[EEE - 55401 - Water Chemistry Env & Ecol Eng | Curriculum](#)

Graduate Council Document 24-11a, FS 58000 Food and The Environment, PWL
[FS - 58000 - Food And the Environment | Curriculum](#)

Graduate Council Document 24-11b, FS 58200 Emerging Food Technologies, PWL
[FS - 58200 - Emerging Food Technologies | Curriculum](#)

Graduate Council Document 24-14a, NUCL 65100 Dynamics of Nuclear Thermal-Hydraulics System, PWL
[NUCL - 65100 - Dynamics Of Nucl Therm-Hyd Sys | Curriculum](#)

Area Committee D: Humanities and Social Sciences

Graduate Council Doc 24-15a, POL 52901 Applied Policy and Program Evaluation, PWL
[POL - 52901 - Policy And Program Evaluation | Curriculum](#)

Graduate Council Doc 24-16a, SCLA 50700 Grand Challenges in Defense Engineering, PWL
[SCLA - 50700 - Grand Challenges Engineering | Curriculum](#)

Graduate Council Doc 24-16b, SCLA 52100 Societal Impacts of Artificial Intelligence, PWL
[SCLA - 52100 - Societal Impacts Of AI | Curriculum](#)

Graduate Council Doc 24-16c, SCLA 52200 Artificial Intelligence Policy, Governance, And Ethics, PWL
[SCLA - 52200 - AI Policy, Gov, & Ethics | Curriculum](#)

Area Committee E: Life Sciences

Graduate Council Document 24-1a, BIOL 50611 Genomics, PFW
[BIOL - 56011 - Genomics | Curriculum](#)

Graduate Council Document 24-1b, BIOL 58401 Professional Practice III, PFW
[BIOL - 58401 - Prof Practice III | Curriculum](#)

Area Committee F: Management Sciences

Graduate Council Document 24-17a, STAT 57900 Statistical Machine Learning, PWL
[STAT - 57900 - Statistical Machine Learning | Curriculum](#)

Graduate Council Document 24-17b, STAT 58700 Machine Learning in Finance, PWL
[STAT - 58700 - Machine Learning in Finance | Curriculum](#)

Graduate Program Proposals:

Area Committee A: Behavioral Sciences

Graduate Council Document 24-22a, CPOSTB - Foundations of Artificial Intelligence, PWL
[Foundations of Artificial Intelligence Post-Bacc Certificate - -Graduate Programs Administration - WL | Curriculum](#)

Area Committee B: Engineering, Sciences, and Technology

Graduate Council Document 23-37a, CPOSTB - Microelectronics and Semiconductors, PWL
[Graduate Certificate in Microelectronics and Semiconductors - College of Engineering - WL | Curriculum](#)

Area Committee F: Management Sciences

Graduate Council Document 24-21a, CPOSTB - Digital Marketing and Analytics, PWL
[Digital Marketing and Analytics - CPOSTB - Mitchell E. Daniels, Jr. School of Business - WL | Curriculum](#)

No program proposals this month for Areas C, D, and E



MEMO

THE GRADUATE SCHOOL

TO: Members of the Graduate Council

FROM: Eric Barker, Acting Associate Provost for Graduate Programs

DATE: January 18, 2024

SUBJECT: Posthumous Degree Recommendation for the late Ha Kyun (Jason) Ju, submitted by the School of Construction Management Technology and the Purdue Polytechnic Institute, West Lafayette

For the awarding of a posthumous Master of Science degree in Construction Management Technology, Purdue University requires that at least 85 percent of the credit hour requirements have been completed including most of the requirements for the major.

The late Ha Kyun (Jason) Ju, who died on October 4, 2023, meets the University's requirements for the conferral of a posthumous Master of Science degree. During the review of Mr. Ju's records, the following were noted:

- Mr. Ju began his Purdue University graduate program in Fall 2022 and enrolled in the Master of Science in Construction Management Technology program effective with the that session.
- Mr. Ju's plan of study for the Thesis-option Master of Science degree was created, and the plan of study included 27 credits, 21 of which have been completed.
- Mr. Ju had satisfactorily completed 6 credits of CM 69800 master's research, for a total of 27 credits completed toward the MS degree between coursework and research.
- Mr. Ju's plan of study focused on Sustainable Disaster Restoration Strategy Using Computer Vision Technology.
- Mr. Ju's advisory committee certifies that he completed sufficient research that a thesis or one or more articles in lieu of a thesis, can be prepared. Further, the advisory committee approves the research and results, including a thesis or article(s), and recommends granting the degree.

Given that Mr. Ju's coursework for the master's program was fully completed, it is my conclusion that Mr. Ju meets the requirements to receive a posthumous Master of Science degree in the Construction Management Technology program.

EB/tp