Faculty Roster
Qualifications of Full-Time and Part-Time Faculty

Name of Institution: __University of North Carolina at Charlotte_

Name of Primary Department, Academic Program, or Discipline: ____School of Data Science, PhD in Data Science_____

Academic Term(s) Included: __Fall 2022, Spring 2023_____ **Date Form Completed: Sept 13, 2023**

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Yaorong Ge, Professor of Software and Information Systems (F)	DSBA/HCIP 6160 Big Data Design [3]; Spring 2019 HCIP 6393 Hlth Data Integration [3]; Fall 2020, Fall 2021, Fall 2022 HCIP 6392 Enterprise Hlth Info Systems [3]; Spring 2021, Spring 2022 ITIS 8180 Foundations of Hlth Informatics [3]; Spring 2019	Ph.D., Vanderbilt University, Computer Science, 1995 M.S., Vanderbilt University, Computer Science, 1989 B.S., Zhejiang University, Computer Science, 1984	**Research Focus:** Application of data science and artificial intelligence methods to health and healthcare. **External Research Funding [Career Total]:** $5 Million **Publications:** 64 peer reviewed journals 43 peer reviewed conference publications 2 book chapters **Mentorship:** 26 PhD dissertation committees [chaired 10] 4 Master's thesis committees chaired >10 Undergraduate Research Mentor
SungJune Park, Professor of Business Information Systems and Operations Management (F)	DSBA 6201 Busn Intelligence & Analytics [3]; Spring 2019, Spring 2020, Fall 2020, Fall 2021, Fall 2022 BDBA 8240 Focused Research Seminar [3]; Spring 2019, Spring 2020, Spring 2021, Spring 2022 BDBA 8120 Professional Issues I [3]; Fall 2020, Fall 2021, Fall 2022 DSBA 6100 Big Data Analytics for Comp Adv [3]; Spring 2021 BDBA 8100 Intro to Experiment Design & Meas [3]; Fall 2022	Ph.D., State University of New York-Buffalo, Business Management, 2002 M.S., Korea Advanced Institute of Science and Technology, Management Science, 1994 B.S., Korea Advanced Institute of Science and Technology, Management Science, 1992	**Research Focus:** Applying data science techniques to business analytics, cybersecurity and supply chain risk management. **External Research Funding [Career Total]:** $0 **Publications:** 16 peer reviewed journals 19 peer reviewed conference publications 3 book chapters **Mentorship:** 16 PhD dissertation committees [chaired 2] 1 Undergraduate Research Mentor

Abbreviations: F, P: Full-time or Part-time; D, UN, UT, G: Developmental, Undergraduate Nontransferable, Undergraduate Transferable, Graduate; Dual: High School Dual Enrollment Course

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Dongsong Zhang Distinguished Professor of Business Information Systems and Operations Management (F)	DSBA 6100 Big Data Analytics for Comp Adv [3]; Fall 2019, Fall 2020, Fall 2021 BDBA 8130 Intro to Business Theory [3]; Spring 2020, Spring 2021, Spring 2022 BDBA 8230 Research Methods 2 [3]; Spring 2020, Spring 2021, Spring 2022	Ph.D., University of Arizona, Management Systems, 2002 M.S., Chinese Academy of Sciences, Artificial Intelligence, 1995 B.S., Peking University, Electrical and Computer Engineering, 1990	**Research Focus:** Text mining, social media analytics, misinformation/deception detection, mobile computing, health IT. **External Research Funding [Career Total]:** $4 Million **Publications:** 84 peer reviewed journals 86 peer reviewed conference publications 5 book chapters **Mentorship:** 25 PhD dissertation committees [chaired 10] 6 Master's thesis committees chaired 3 Undergraduate Research Mentor
Wenwen Dou, Associate Professor of Computer Science (F)	DSBA/HCIP 5122 Visual Analytics [3]; Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023	Ph.D., University of North Carolina at Charlotte, Computer and Information Systems, 2012 B.S.E., Beijing University of Posts and Telecommunications, Engineering, 2006	**Research Focus:** Data visualization, visual analytics, text analytics, cognitive bias, misinformation, explainable AI. **External Research Funding [Career Total]:** $2.5 Million **Publications:** 10 peer reviewed journals 30 peer reviewed conference publications 1 book chapters **Mentorship:** 16 PhD dissertation committees [chaired 4] 2 Master's thesis committees chaired

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Liyue Fan, Assistant Professor of Computer Science (F)	DSBA/HCIP 6160 Big Data Design [3]; Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021 DSBA/ITSC 6010/8010 Special Topics: Data Privacy [3]; Fall 2021 ITIS 6220/8220 Data Privacy [3]; Fall 2021 DSBA/HCIP 6160 Database Systems [3]; Fall 2022 ITCS 6160/8160 Database Systems [3]; Fall 2022	Ph.D., Emory University, Computer Science and Informatics, 2014 B.S., Zhejiang University, Mathematics & Applied Mathematics, 2008	**Research Focus:** Data privacy, geospatial and health informatics **External Research Funding [Career Total]:** $1.6 Million **Publications:** 8 peer reviewed journals 36 peer reviewed conference publications 2 book chapters published 1 editor/co-editor **Mentorship:** 2 PhD dissertation committees [chaired 1] 14 Undergraduate Research Mentor
Michael Grabchak, Associate Professor of Statistics (F)	MATH 7120/8120 Probability Theory 1 [3]; Spring 2019, Spring 2020, Spring 2021, Spring 2022, Spring 2023	Ph.D., Cornell University, Statistics, 2011 M.S., Cornell University, Statistics, 2008 B.A., Rutgers University, Computer Science and Mathematics, 2004	**Research Focus:** Probability and statistics which form the theoretical foundation for data science. **External Research Funding [Career Total]:** $0 **Publications:** 40 peer reviewed journals 4 peer reviewed conference publications 1 published book **Mentorship:** 14 PhD dissertation committees [chaired 4; including 2 in progress] 10 Undergraduate Research Mentor

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Justin Grandinetti, Assistant Professor of Communication Studies (F)	COMM 6100 Comm Research Methods [3]; Spring 2020, Spring 2021 COMM 6011 Topics in Comm Rsrch Methods [3]; Fall 2022	Ph.D., North Carolina State University, Communication, Rhetoric and Digital Media, 2019 M.A., James Madison University, Writing Rhetoric and Technical Communication, 2015 B.S., James Madison University, Writing Rhetoric and Technical Communication, 2013	**Research Focus:** Social and ethical implications of data-driven processes that are a part of everyday life, e.g. mobile media, streaming media and big data/AI. **External Research Funding [Career Total]:** $0 **Publications:** 11 peer reviewed journals 1 peer reviewed conference publications 3 book chapters **Mentorship:** 17 Master's thesis committees [chaired 1]
Laura Gunn, Associate Professor of Public Health Sciences (F)	HCIP 6102 Healthcare Data Analytics [3]; Spring 2019, Fall 2022 HCIP 6250 Problem Solving Health Analytics [3]; Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2023 HCIP 5376 Intro to Prgrmg for Hlth Info [3]; Spring 2022	Ph.D., Duke University, Statistical Science, 2004 M.S., Duke University, Statistical Science, 2001 B.A., Jacksonville University, Mathematics, 1999	**Research Focus:** Public health and healthcare centered on big data/analytics, particularly on prevention of chronic diseases and adverse outcomes. Applied biostatistical research focus. **External Research Funding [Career Total]:** >$14 Million **Publications:** 88 peer reviewed journals 102 peer reviewed conference publications 2 book chapters **Mentorship:** 8 PhD dissertation committees [chaired 5] 25 Master's thesis committees chaired 39 Undergraduate Research Mentor

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Yuqi Guo, Assistant Professor of Social Work (F)	SOWK 6141 Foundations of Social Work [3]; Fall 2021 MALS 6101 The Liberal Arts Tradition [3]; Spring 2022 SOWK 6232 Practice & Program Evaluation [3]; Spring 2022	Ph.D., University of Alabama, Social Work, 2019 M.S.W., University of Alabama, Social Work, 2014 B.A., East China University of Science and Technology, Law, 2012	**Research Focus:** Data science research of health disparities, cancer prevention, and community health particularly around health equity **External Research Funding [Career Total]:** $40,000 **Publications:** 42 peer reviewed journals 5 peer reviewed conference publications 1 book chapters 1 editor/co-editor **Mentorship:** 4 Undergraduate Research Mentor
Mirsad Hadzikadic, Professor of Software and Information Systems, Director of the Complex Systems Institute (F)	DSBA 6010 Special Topics: Analytical Storytelling [3]; Fall 2019 DSBA 6010/PPOL 8000 Topics: Complex Systems in Public Policy [3]; Spring 2021, Spring 2022 DSBA 6156 Applied Machine Learning [3]; Spring 2020, Fall 2021 ITIS 6500/8500 Complex Adaptive Systems [3];Spring 2019 DSBA/ITIS 6500/ITIS 8500 Complex Adaptive Systems [3]; Spring 2020, Spring 2021, Spring 2022, Spring 2023 DSBA 6520/ITSC 8520 Network Science [3]; Fall 2019, Fall 2020	Ph.D., Southern Methodist University, Computer Science, 1987 M.P.A., Harvard University, Political Science and Government, 2009 M.A., University of Banja Luka, Computer Science, 1981 B.S., University of Banja Luka, Computer Science, 1977	**Research Focus:** Machine learning, complex adaptive systems, network science, artificial intelligence. **External Research Funding [Career Total]:** $7.5 Million **Publications:** 23 peer reviewed journals 53 peer reviewed conference publications 12 book chapters 4 editor/co-editor volumes **Mentorship:** 32 PhD dissertation committees [chaired 22] 3 Master's thesis committees chaired

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Gordon Hull, Professor of Philosophy (F) Director, Center for Professional and Applied Ethics	PPOL 8635 Ethics of Public Policy [3]; Fall 2020, Fall 2022	Ph.D., Vanderbilt University, Philosophy, 2000 M.A., Vanderbilt University, Philosophy 1999 B.A. Wake Forest University, Philosophy, 1994	**Research Focus:** Ethics and technology, especially privacy, intellectual property, data ethics, AI ethics, and contemporary political theory **External Research Funding [Career Total]:** $1.1 Million **Publications:** 27 peer reviewed journals 47 peer reviewed conference publications 2 published books 7 book chapters **Mentorship:** 4 PhD dissertation committees 1 Master's thesis committee chair
Donald Jacobs, Professor of Physics (F)	OPTI 6611/8611 Graduate Colloquium [1]; Spring 2020 OPTI 8000 Selected Topics in Optics: Quantum Computing [3]; Fall 2022 NANO 8060 Special Topics in Nano Science: Physics [3]; Spring 2019	Ph.D., Purdue University-West Lafayette, Physics, 1992 M.S., Purdue University, Physics, 1991 B.S., Union College, Physics, 1985 A.S., Fulton-Montgomery Community College, Engineering Science, 1983	**Research Focus:** Computational/ statistical physics as applied to complex systems to predict and control their emergent properties. **External Research Funding [Career Total]:** >$6 Million **Publications:** 88 peer reviewed journals 1 peer reviewed conference publications 7 book chapters **Mentorship:** 34 PhD dissertation committees [chaired 13] 32 Master's thesis committee chair 26 Undergraduate Research Mentor

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Jiancheng Jiang, Professor of Statistics (F)	DSBA 6115 Stat Learning with Big Data [3]; Fall 2021, Fall 2022 STAT 8133 Multivariate Analysis [3]; Spring 2020, Spring 2023 STAT 8135 Statistical Computation [3]; Spring 2020, Spring 2021 STAT 8139 Time Series Analysis [3]; Spring 2022	Ph.D., Nankai University, Statistics, 1994 M.A., Nankai University, Mathematical Statistics, 1991 B.S., Nankai University, Mathematics, 1988	**Research Focus:** Statistics, biostatistics and financial econometrics. **External Research Funding [Career Total]:** >$2 Million **Publications:** >65 peer reviewed journals >30 peer reviewed conference publications 1 published book 3 book chapters **Mentorship:** PhD dissertation committees-served >20 years Master's thesis committees-served >20 years Undergraduate Research Mentor-served >15 years
Monica Johar, Professor of Management Information Systems (F)	DSBA 6201 Busn Intelligence & Analytics [3]; Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023 BDBA 8200 Research Methods 1 [3]; Fall 2022 BDBA 8240 Focused Research Seminar [3]; Spring 2021, Spring 2022	Ph.D., University of Texas at Dallas, Management Science, 2006 M.S., University of Texas at Dallas, Management Information Systems, 2005 B.E., University of Pune, Electrical and Electronics Engineering, 2000	**Research Focus:** Development and use of a variety of quantitative models for problem-solving as applied to areas of software engineering, content delivery systems, web personalization and service analytics, among others. **External Research Funding [Career Total]:** $0 **Publications:** 11 peer reviewed journals 19 peer reviewed conference publications **Mentorship:** 6 PhD dissertation committees [chaired 2] 2 Master's thesis committees chaired

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Jake Minwoo Lee, Assistant Professor of Computer Science (F)	ITCS 8010 Topics in CS: [3]; Fall 2019 ITCS 8156 Machine Learning [3]; Spring 2019, Fall 2019, Fall 2020, Spring 2023	Ph.D., Colorado State University, Computer Science, 2017 M.ENGR., Korea Aerospace University, Computer Engineering, 2002 B.S., Korea Aerospace University, Computer Engineering, 2000	**Research Focus:** Development of foundational machine learning / reinforcement learning models; diverse data science application including computer-aided decision making, trustworthy Human+AI, data analytics and sports analytics. **External Research Funding [Career Total]:** $4.35 Million **Publications:** 6 peer reviewed journals 34 peer reviewed conference publications **Mentorship:** 11 PhD dissertation committees [chaired 2] 3 Master's thesis committees chaired 8 Undergraduate Research Mentor
Shaoyu Li, Associate Professor of Statistics (F)	ITCS 6040 Topics in Data Science: Model Risk Management [3]; Fall 2022	Ph.D., Michigan State University, Statistics and Quantitative Biology, 2011 M.A., Huazhong University of Science and Technology, Applied Statistics, 2006 B.A., Huazhong University of Science and Technology, Applied Mathematics, 2003	**Research Focus:** Biostatistics of healthcare and cancer research; statistical genetics and genomics; development of statistical and computational methods for biomedical data analysis especially omics data. **External Research Funding [Career Total]:** $884,747 **Publications:** 26 peer reviewed journals 1 book chapters **Mentorship:** 5 PhD dissertation committees [chaired 3] 10 Master's thesis committees chaired 7 Undergraduate Research Mentor

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Angela Xia Liu, Associate Professor of Marketing (F)	DSBA 6276 Consumer Analytics [3]; Spring 2020, Spring 2021, Spring 2022 DSBA 6276 Strategic Business Analytics [3]; Spring 2023 BDBA 8210 Current Topics Research Seminar [3]; Fall 2022 BDBA 8240 Focused Research Seminar [3]; Spring 2020, Spring 2021, Spring 2022	Ph.D., Syracuse University, Business Administration, 2010 M.S., Syracuse University, Applied Statistics, 2008 M.S., Syracuse University, History of Education, 2004 M.A., Beijing Normal University, Philosophy, 2002 B.A., Beijing Normal University, Philosophy, 1999	**Research Focus:** Using big data and text mining technology to explore new topics in the interface between marketing and finance and in entertainment marketing. **External Research Funding [Career Total]:** $0 **Publications:** 12 peer reviewed journals 10 peer reviewed conference publications **Mentorship:** 11 PhD dissertation committees [chaired 5] 15 Undergraduate Research Mentor
Irina Nesmelova, Professor of Physics (F)	OPTI 8000 Selected Topics in Optics [3]; Spring 2023	Ph.D., Kazan State University, Mathematics and Physics, 1999 M.S., Kazan State University, Physics, 1990	**Research Focus:** Experimental biophysics, including moderately large dataset analysis with ML techniques relevant to the biomedical field. **External Research Funding [Career Total]:** $2.13 Million **Publications:** 53 peer reviewed journals 8 peer reviewed conference publications 2 book chapters 1 editor/co-editor volume **Mentorship:** 17 PhD dissertation committees [chaired 6] 5 Master's thesis committees chaired 24 Undergraduate Research Mentor

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Srinivas Pulugurtha, Professor of Civil Engineering and Environmental Sciences (F)	DSBA 6010 Special Topics in DSBA: Traffic Safety [3]; Spring 2023 INES 8090 Top Infrastruct & Environ Syst [3]; S/F 2019, S/F 2020, S/F 2021, S/F 2022, Spring 2023 CEGR 8163 GIS for Civil Engineers [3]; Fall 2020 CEGR 8164 Traffic Safety [3]; Spring 2021, Spring 2023 CEGR 8090 Special Topics: Urban Systems Engineering [3]; Fall 2021 CEGR 8161 Traffic Control and Operation [3]; Spring 2022 CEGR 8183 Intelligent Transpo Systems [3]; Fall 2022	Ph.D., University of Nevada, Las Vegas, Civil Engineering, 1998 M.S., Indian Institute of Technology, Civil Engineering, 1995 B.S., Nagarjuna University, Civil Engineering, 1992	**Research Focus:** Diverse fields of transportation - traffic safety, alternative modes of transportation, Intelligent Transportation Systems [ITS] and connected and automated vehicles; system planning, GIS and AI. **External Research Funding [Career Total]:** $12.2 Million **Publications:** 127 peer reviewed journals 125 peer reviewed conference publications 6 editor/co-editor volumes **Mentorship:** 34 PhD dissertation committees [chaired 21, including 6 current] 58 Master's thesis committees [chaired 22] 4 Undergraduate Research Mentor
Zbigniew Ras, Professor of Computer Science (F)	DSBA 6162/ITSC 8162 Knowledge Discovery in Databases [3]; S/F 2019, Spring 2020, S/F 2021, S/F 2022, Spring 2023 ITCS 8150 Intelligent Systems [3]; Fall 2019, Fall 2020, Fall 2021, Fall 2022	D.Sc. (Habilitation), Polish Academy of Sciences, Computer Science, 2004 Ph.D., University of Warsaw, Computer Science, 1973 M.S., University of Warsaw, Mathematics, 1970	**Research Focus:** Knowledge discovery, data mining, AI, health informatics, business analytics, recommendation systems, music information retrieval, art, flexible query answering, soft computing **External Research Funding [Career Total]: $4,676,000** **Publications:** 44 peer reviewed journals 15 journal special issues editor 104 peer reviewed conference publications 47 book chapters 61 books editor/co-editor (mostly Springer) 3 monographs **Mentorship:** 23 PhD graduates in CS 100+ Master's thesis advisor

Abbreviations: F, P: Full-time or Part-time; D, UN, UT, G: Developmental, Undergraduate Nontransferable, Undergraduate Transferable, Graduate; Dual: High School Dual Enrollment Course

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Wenwu Tang, Associate Professor of Geography and Earth Sciences (F)	GEOG 8120 Spatial Statistics [3]; Spring 2019, Spring 2020, Spring 2022 GEOG 8282 CyberGIS and Big Data [3]; Spring 2021, Spring 2023 INES 8090 Top Infrastruct & Environ Syst [3]; Spring 2021, Spring 2022, Spring 2023	Ph.D., University of Iowa, Geography, 2008 M.S., Nanjing University, Geography, 2001 B.S., East China Normal University, Geography, 1998	**Research Focus:** Computational science and geographic information science that include: spatiotemporal analysis and modeling of complex adaptive spatial systems (CASS); application of artificial intelligence and, in particular, machine learning and software agents in the study of CASS. **External Research Funding [Career Total]:** $6.3 Million **Publications:** 70 peer reviewed journals 12 peer reviewed conference publications 2 published books 18 book chapters **Mentorship:** 14 PhD dissertation committees [chaired 2] 5 Master's thesis committees chaired
Jean-Claude Thill, Knight Distinguished Professor of Geography and Earth Sciences (F)	DSBA 6010 Special Topics: Geospatial Analytics [3]; Spring 2023	Ph.D., Catholic University of Louvain, Geography, 1988 M.S., Catholic University of Louvain, Regional Planning, 1984 B.S., Catholic University of Louvain, Geography, 1982	**Research Focus:** Geospatial data analytics, research design, computational social science. **External Research Funding [Career Total]:** $8.2 Million **Publications:** 170 peer reviewed journals 5 peer reviewed conference publications 1 published book 12 book chapters 5 editor/co-editor volumes **Mentorship:** 64 PhD dissertation committees [chaired 28, including 4 current] 36 Master's thesis committees chaired 10 Undergraduate Research Mentor

Abbreviations: F, P: Full-time or Part-time; D, UN, UT, G: Developmental, Undergraduate Nontransferable, Undergraduate Transferable, Graduate; Dual: High School Dual Enrollment Course

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Scott Tonidandel, Professor of Management (F)	OSCI 8103 Rsrch Design & Quant Meth 2 [3]; Spring 2019, Spring 2020, Spring 2021, Spring 2022, Spring 2023 OSCI 8899 Org Sci Readings & Research [3]; Fall 2019	Ph.D., Rice University, Psychology, 2001 M.A., Rice University, Psychology, 1999 B.A. Davidson College, Psychology, 1996	**Research Focus:** People analytics and the interface of big data and the organizational sciences. Use of machine learning and natural language processing [NLP] to evaluate leaders, provide feedback and score competencies. **External Research Funding [Career Total]:** $2 Million **Publications:** 64 peer reviewed journals 93 peer reviewed conference publications 11 book chapters 1 editor/co-editor **Mentorship:** 10 PhD dissertation committees [chaired 2] 2 Master's thesis committees chaired 20 Undergraduate Research Mentor
Damien Williams, Assistant Professor of Philosophy (F)	DSBA/ITCS 6010 Special Topics: Disability, Technology, and Artificial Intelligence [3]; Spring 2023	Ph.D., Virginia Polytechnic Institute and State University, Science and Technology Studies, 2022 M.S., Virginia Polytechnic Institute and State University, Science and Technology Studies, 2018 M.A., Georgia State University, Philosophy, 2008 B.A., Georgia State University, Philosophy, 2005	**Research Focus:** Philosophical and social underpinnings and implications of technology, especially artificial intelligence and algorithms. **External Research Funding [Career Total]:** $35,961 **Publications:** 3 peer reviewed journals 3 peer reviewed conference publications

Abbreviations: F, P: Full-time or Part-time; D, UN, UT, G: Developmental, Undergraduate Nontransferable, Undergraduate Transferable, Graduate; Dual: High School Dual Enrollment Course

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Shan Yan, Professor of Biology (F)	BIOL 8102 Cell and Molecular Biology [3]; Spring 2019, Spring 2020, Spring 2021, Spring 2022, Spring 2023	Ph.D., Fudan University, Developmental Biology, 2004 M.S., Shandong University, Cell Biology, 2001 B.S., Shandong University, Biochemistry, 1998	**Research Focus:** Research in molecular mechanisms of genome integrity and cancer etiology **External Research Funding [Career Total]:** $3.7 Million **Publications:** 45 peer reviewed journals 6 peer reviewed conference publications 1 published book 1 book chapters 5 editor/co-editor volumes **Mentorship:** 26 PhD dissertation committees [chaired 5] 5 Master's thesis committees chaired 25 Undergraduate Research Mentor
Wlodek Zadrozny, Professor of Computer Science (F)	DSBA 6345 Modern Data Science Systems [3]; Spring 2021, Spring 2022, Spring 2023 DSBA 6100 Big Data Analytics for Comp Ad [3]; Fall 2021 ITCS 8156 Machine Learning [3]; Fall 2022	Ph.D., Polish Academy of Sciences, Mathematics, 1980 M.S., Warsaw University, Mathematics, 1976	**Research Focus:** Natural Language Processing [NLP] and machine learning; application of NLP to causality extraction and analysis of medical documents. **External Research Funding [Career Total]:** $4 Million **Publications:** 40 peer reviewed journals 60 peer reviewed conference publications 4 book chapters 4 editor/co-editor volumes **Mentorship:** 17 PhD dissertation committees [chaired 5] 4 Master's thesis committees chaired

1	2	3	4
NAME (F, P)	**COURSES TAUGHT** **Including Term, Course Number & Title, Credit Hours (D, UN, UT, G) [Dual]** Note – for substantive change prospectuses/applications, list the courses *to be taught*, not historical teaching assignments	**ACADEMIC DEGREES & COURSEWORK** **Relevant to Courses Taught, Including Institution & Major** **List specific graduate coursework, if needed**	**OTHER QUALIFICATIONS & COMMENTS** **Related to Courses Taught**
Lina Zhou, Professor of Business Information Systems and Operations Management (F)	DSBA 6201 Busn Intelligence & Analytics [3]; Fall 2019, Spring 2021, Spring 2022, Spring 2023	Ph.D., Peking University, Computer Science, 1998 M.S., University of Arizona, Management Information Systems, 2001 M.S., Shanxi University, Computer Science, 1994 B.S., Shanxi University, Computer Science, 1991	**Research Focus:** Online misinformation, phishing detection, social media analytics, natural language processing, technology-supported domestic violence intervention, IT control weaknesses analytics. **External Research Funding [Career Total]:** $2 Million **Publications:** 95 peer reviewed journals 115 peer reviewed conference publications 2 book chapters 2 editor/co-editor volumes **Mentorship:** 35 PhD dissertation committees [chaired 10] 3 Master's thesis committees chaired 2 Undergraduate Research Mentor