Join Apparel Studies graduate faculty and students at the University of Minnesota as they conduct research in

**Product Development**

**Dress, History, and Culture**

**Retail Merchandising and Consumer Studies**

The Apparel Studies Track of the Design Graduate Program is grounded in theoretical knowledge with an understanding of the design, production, merchandising, and use of textile and apparel products. The Apparel Studies Track in the Design Graduate Program provides the opportunity to work with established scholars, participate in innovative research, interact with a cohort of graduate students, and gain experience as a graduate teaching assistant and/or research assistant.

The Goldstein Museum of Design and the Human Dimensioning© Lab, both located in the College of Design, are innovative facilities available to students. As a graduate student in Apparel Studies, you can select from a wide range of supporting classes available from a multitude of programs at the University of Minnesota. You will also have access to social, cultural, and business resources abundant in the metropolitan setting of Minneapolis/St. Paul.
ELIZABETH BYE, Ph.D., Associate Professor
348 McNeal Hall  612-624-3751  ebye@umn.edu

Examples of Research Projects:
- Balancing high tech/high touch in apparel products and experiences
- Visual analysis of 2D and 3D images
- Practice-based apparel design research

International Study and Research: Korea, Ecuador

Marilyn DeLONG, Ph.D., Professor
32d McNeal Hall  612-625-1219  mdelong@umn.edu

Examples of Research Projects:
- Physical and cognitive aspects of human centered apparel design
- Research topics related to creativity, innovation, aesthetics, design history, and material culture

International Study and Research: Korea, China, Japan, France, Australia, Hong Kong

Lucy Dunne, Ph.D., Assistant Professor
220 McNeal Hall  612-626-5901  ldunne@umn.edu

Examples of Research Projects:
- Wearable technologies for medical and sports monitoring, biofeedback, and information display
- Impact of sizing and fit on sensor performance in wearable technologies
- Wardrobe management and wardrobe recommender systems

International Study and Research: Ireland, Australia

HyE-young Kim, Ph.D., Assistant Professor
368a McNeal Hall  612-624-4904  hykim@umn.edu

Examples of Research in Retailing and Consumer Behavior:
- Customer love and share of wallet
- Postmodern paradigms for retail relationship marketing
- Modeling hope and happiness in the consumer-retailer dyad
- Consumer perspectives on retail loyalty programs

International Study and Research: Ecuador
Examples of Research Projects:

- Consumer behavior, including understanding ethics and their role on consumer misbehavior (consumption of counterfeits, Black Friday shopping, merchandise borrowing, retail therapy)
- Social psychological aspects of dress (engagement in risky appearance management behaviors, influence of advertising on self-perceptions)

International Study and Research: Korea

Examples of Research Projects:

- Effects of weight loss on body shape and size
- Use of body scan technology to develop an educational intervention for females with eating disorders
- Effects of breast cancer treatment on body shape and posture

International Study and Research: Ireland and Thailand

Examples of Research Projects:

- Design & visual aspects of retail environments
- Perceptions of product and store design attributes and implications for sustainable retailing
- Fashion trends and theory
- Forthcoming book: Chinese Fashion from Mao to Now

International Study and Research: China
Graduate Courses in Apparel

**ApSt 5117. Retail Environments and Human Behavior.** (3 cr)
Theory and research related to the designed environment across retail channels.

**ApSt 5121. History of Costume.** (4 cr)
Survey of clothing and appearance in Western cultures from 18th century to present. Role of gender, race, and class with respect to changes in dress within historical moments and social contexts. Research approaches and methods in the study and interpretation of dress.

**DES 5123. Living in a Consumer Society.** (3 cr)
Consumerism within the US society and the relentless commodification of all areas of social life, including health care education, the production of news, and the commercialization of public space and culture. What drives consumer society? How is meaning manufactured? What are the lived experiences of consumers today?

**DES 5124. Consumers of Design.** (3 cr)
An in-depth analysis of contemporary approaches to the study of consumer behavior.

**DES 5165. Design and Globalization.** (3 cr)
Movement of people, products, and ideas. Challenges brought by differences among us.

**DES 5185. Human Factors in Design.** (3 cr)
Theories/methods that influence the assessment of physical, social, and psychological human factors. Development of user needs with application to designed products that interact with the human body.

**DES 5196. Field Study: National/International.** (1-10 cr)
Faculty-directed field study in a national or international setting.

**ApSt 5216. Retail Promotion and Consumer Decision Making.** (4 cr)
Consumer behavior theories/concepts as related to apparel. Application to understanding/developing retail promotional strategies: advertising/promotion.

**DES 8102. Quantitative Research Methods.** (3 cr)
Quantitative research methods for issues related to humans, their behaviors, and everyday living in the designed environment.

**DES 8103. Qualitative and Mixed Methods Research.** (3 cr)
A scientific approach to qualitative research. Methods/strategies combined to explore complex research questions.

**DES 8112. Design Theory and Criticism.** (3 cr)
Students establish a framework for criticism by examining various theories used in design disciplines, study existing designed environments to explain the designer's purpose, identify problem-solving processes, and describe interaction between humans and design. Field investigations.

**DES 8113. Education and Evaluation in Design, Housing, & Apparel.** (4 cr)
Educational processes/methods used in design studio/lecture courses. Learning styles, best practices for grading, alternative methods of critique, interacting with students, active learning strategies, teaching with technology. Lecture (3 cr), practicum (1 cr).

**DES 8114. Design Studio.** (4 cr)
Advanced problem analysis and design solution.
DES 8151. **Product Development.** (3 cr)
Product development theories and methods as applied in many design fields. Emphasis on product development in the retail setting with use of seminar format discussion, case study analyses, observation and critique of a hands-on industry product development project.

DES 8164. **Innovation Theory and Analysis.** (3 cr)
Theories and factors that influence adoption and diffusion of designed products. Methodologies used in analysis of diffusion process.

DES 8166. **Material Culture and Design.** (3 cr)
Artifacts, from Goldstein collections, as material culture.

DES 8167. **Aesthetics of Design.** (3 cr)
Investigation of aesthetics and design: how we perceive, analyze, value, and evaluate design outcomes/results.

DES 8181. **Research Ethics.** (1 cr)
Overview of ethical concerns/questions in conducting/disseminating research. Mentoring relationships, use of human subjects, data handling, plagiarism, authorship, publishing, research funding, social responsibility of researchers, code of conduct.

ApSt 8267. **Dress and Culture.** (3 cr)
Cultural factors of identity expressed through dress. Focuses on issues of cultural diversity through analysis of dress and textiles within a specific world region.

ApSt 8268. **Behavioral Aspects of Appearance.** (3 cr)
An in-depth study of research and social science theories as applied to appearance and dress as manifestations of human behavior.

ApSt 8271. **Retailing: Strategic Perspectives.** (3 cr)
The purpose of this course is to provide exposure to a number of selected topics in the field of retailing. Students will have the opportunity to extend their thinking regarding consumer behavior to strategic retail management.
Application Checklist: M.A./M.S./Ph.D.

Application materials required by the Graduate School are submitted online, at this url:
http://www.grad.umn.edu/prospective_students/apply_online.html

☐ Electronic application for admission, including
  • Application
  • Personal Statement of your academic and professional goals for the degree desired (1-2 pages)
  • Letters of recommendation written by three individuals who can judge your academic performance and promise as a graduate student
  • All transcripts
  • Application fee

Application materials required by the Program should be collected by the prospective student and submitted to the following e-mail address:

cklarqui@umn.edu

☐ .pdf file of Graduate Record Examination (GRE) scores. Please request that ETS send scores to the University of Minnesota. Examination should be taken a minimum of five weeks prior to the application deadline. Applications received without GRE scores are considered incomplete.

☐ Portfolio, consisting of 15-20 examples of current work in .pdf file format; link to a Web site is acceptable.

☐ .pdf file of Writing sample, for those applying for the Ph.D.

☐ Applicants whose native language is not English submit a .pdf file of official scores from the Test of English as a Foreign Language (TOEFL). Scores are to be sent to the University of Minnesota.

Application Deadline January 15

Allow sufficient time for processing your application. Review occurs once each year, directly following the January 15th deadline. The program’s review process takes from four to six weeks once the application is complete. Incomplete applications will not be reviewed. Please note that the Design Graduate Program deadline precedes Graduate School deadlines.

Graduate Assistantship Applications should be completed for consideration for the following academic year.
Application for Graduate Assistantship
Department of
Design, Housing, & Apparel

Admission to the Graduate School is required for award of departmental graduate assistantships.

We do not guarantee the availability of assistantships in the department, but we do work to fund as many graduate students as possible at no less than a 25% 9-month appointment. Factors taken into consideration in determining assistantships include departmental needs, funding available, student expertise, and, for our current students, timely progress towards their degrees.

**PERSONAL DATA**

**Name**

Last or Family  First  Middle

**Current Address**

Number and Street  City  State  Zip Code

**Permanent Address**

Number and Street  City  State  Zip Code

Country of Birth  ______________________  Country of Citizenship  ______________________

State of Legal Residence  ____________

Telephone:  Current:  ________________

Permanent:  ________________  E-Mail Address:  ________________

**DEGREE OBJECTIVE**

Major Field  Design  Track  ______________________

Proposed Minor/Related Field  ______________________  Degree Sought  ______________________

**ASSISTANTSHIP PREFERENCES**

Please indicate the category of support for which you wish to be considered; if more than one applies, please rank your preferences.

[] Teaching Assistantship  [] Research Assistantship  [] Administrative Fellowship
**COMPUTER SOFTWARE EXPERIENCE**

Design

Statistical

Platform (PC, Mac)

**EDUCATION**

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<tr>
<th>Names of Colleges &amp; Graduate Schools</th>
<th>Graduation Date</th>
<th>Degree Granted</th>
<th>Major</th>
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**STANDARDIZED TEST SCORES**

GRE: / / TOEFL (if applicable): __________

Verbal Quantitative Analytical Writing

**RELEVANT EXPERIENCE FOR ASSISTANTSHIP (Education and/or Work)**

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**EQUAL OPPORTUNITY STATEMENT:** The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation. In adhering to this policy, the University abides by the Minnesota Human Rights Act, Minnesota Statute Ch.363; by the Federal Civil Rights Act, 420 S.C.20000e; by the requirements of Title IX of the Education Amendments of 1972; by Sections 503 and 504 of the Rehabilitation Act of 1973; by the Americans With Disabilities Act of 1990; by Executive Order 11246, as amended; by 38 U.S.C. 2012, the Vietnam Era Veterans Readjustment Assistance Act of 1972, as amended; and by other applicable statutes and regulations relating to equality or opportunity.
Application Deadline: January 15

Applying to the University of Minnesota’s Graduate School could not be easier, with the online application system ApplyOnline. After visiting the program website to obtain the program’s admissions checklist, access the application system via the prospective student link on the University of Minnesota Graduate School website: http://www.grad.umn.edu. Not only are you able to submit your application and the application fee online, but your goal statement and the names and e-mail addresses of individuals writing letters of recommendation. The automated system contacts your recommenders with a password and pin.

Graduate Record Examination (GRE) scores are required. It is recommended that the test be taken early in December to ensure the scores reach Graduate School by the January 15th deadline.

For more information, please contact us at dhagrad@umn.edu.

Useful Web sites:

University of Minnesota Graduate School http://www.grad.umn.edu/
Design Graduate Program http://dha.design.umn.edu/programs/grad
Graduate Record Examination (GRE) http://www.gre.org

Contact Information:

Graduate Program of Design
240 McNeal Hall, 1985 Buford Avenue
University of Minnesota
St. Paul, MN  55108-6136
dhagrad@umn.edu  612-626-1219

The University of Minnesota is an Equal Opportunity Educator and Employer.