

# Margaret Czart DrPH

University of Illinois at Chicago (UIC)  
Biomedical and Health Information Sciences (BHIS), MC 530  
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## Education and Training

### Academic Training

- 2012 Doctor of Public Health (DrPH) - 5 Core Public Health Areas & Public Health Informatics Specialization.  
University of Illinois at Chicago.
- 2004 Master of Public Health (Major/Specialization: Public Health, Public Health Informatics)  
University of Illinois at Chicago.
- 2000 Bachelor of Science Anthropology  
University of Illinois at Chicago.

### Certificate Training

- 2014 Applying QM Rubric 2014 Rubric (APPQMR)  
Quality Matters Program
- 2014 Quality Matter Peer Review Course Certification  
Quality Matters Program
- 2013 Sloan Consortium Online Teaching Certificate Program  
Sloan Consortium

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## Academic, Administrative, Other Appointments

### Current and Joint Faculty Appointments

*Clinical Assistant Professor, Department of Biomedical and Health Information Sciences*  
UIC College of Applied Health Sciences

### Faculty History

Aug 2017  
to present  
University of Illinois at Chicago  
Clinical Assistant Professor  
Biomedical and Health Information Sciences

College of Applied Health Sciences

2019 to present      University of Illinois at Chicago  
Faculty Mentor for College of Applied Health Sciences Student Group

2018 to present      University of Illinois at Chicago  
Faculty Fellow, Honors College

2015- 2017            Assistant Professor  
South University Online  
College of Nursing and Health Sciences

2015                    Adjunct Faculty Member  
Excelsior College  
College of Health Sciences

2012- 2015            Assistant Professor of Health Care Informatics  
American Sentinel University  
Department of Informatics, Management and Technology

2012                    Adjunct Faculty  
Empire State College-SUNY

**Administrative Appointments**

2015- 2017            Assistant Program Director of Public Health  
South University Online  
College of Nursing and Health Sciences

2011-2012            STEM+ Online Education Project Coordinator  
Online Learning Consortium formerly Sloan Consortium

2006-2017            Research Information Specialist (Part-Time)  
University of Illinois at Chicago  
Department of Medical Education

2005- 2006            Research Information Specialist (Full-Time)  
University of Illinois at Chicago  
Department of Medical Education

**Grants and Contracts**

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**Current**

ID Number            Not Applicable  
Funding Agency      American Medical Informatics Association  
Title                    Augmented and Virtual Reality Technology to Enhance Consumer Health Education  
Role                    Primary Investigator  
Total Project Period    AY 2019-2021  
Total Cost             \$5,000.00 - Awarded

The goals of this project is to find to health technology tools to supplement the University of Illinois at Chicago various degree and certificate programs in Health Informatics with new immersive technology to construct new interactive educational activities to assist health informatics students in learning to construct educational material addressing social behavioral issues applied to health based on the health and technology needs of the consumer/patient to improve health outcomes. By 3D applications, the learner experiences the following: 1) Actional Immersion through the empowerment of participation, 2) Symbolic/Narrative Immersion the visual images provide a motivational component to learning the content, 3) Sensory Immersion provides the 3D component of human body anatomy and 3) Social Immersion supports the user learning experience through participation, and 4) Psychological Immersion is achieved by the design of the activity.

ID Number	Not Applicable
Funding Agency	American Medical Informatics Association
Title	Animated GIFs as Health Informatics Tutorials in Courses Education
Role	
Total Project Period	AY 2019-2021
Total Cost	\$5,000.00 - Submitted Not Awarded

The goals of this project is to find to health technology tools to supplement the University of Illinois at Chicago various degree and certificate programs in Health Informatics with new immersive technology to construct new interactive educational activities to assist health informatics students in learning to construct educational material addressing social behavioral issues applied to health based on the health and technology needs of the consumer/patient to improve health outcomes. By animated tutorials, the learner experiences the following: 1) Actional Immersion through the empowerment of participation, 2) Symbolic/Narrative Immersion the visual images provide a motivational component to learning the content, 3) Sensory Immersion provides the animated component of human body anatomy and 3) Social Immersion supports the user learning experience through participation, and 4) Psychological Immersion is achieved by the design of the activity.

**Past**

ID Number	Not Applicable
Funding Agency	Fulbright US Student Program
Title	Development of a Digital Video Library for Team-Based, Patient-Centered Interprofessional Education
Role	Primary Investigator
Total Project Period	AY 2005- 2006
Total Costs	\$25,000

The purpose of the study was to examine the trends in overweight and obesity as measured by the average Body Mass Index (BMI) among Poland’s adult population. The correlation of the the extent to which adult overweight/obesity in Poland are related to socioeconomic privilege, area of residence, gender, age and education.

**Honors and Awards**

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2019 – Present	University of Illinois at Chicago, College of Applied Health and Sciences, Faculty Mentor
2018 – Present	University of Illinois at Chicago, Honors College Faculty Fellow
2014	American Sentinel University, Teaching Award
2005	Fulbright Research Scholarship, Fulbright US Student Program, Warsaw, Poland

2000	UNESCO American Teaching Program, Krakow, Poland
1996	UNESCO American Teaching Program, Krakow, Poland
1996	Catholic University of Lublin, Cultural Institute in Rome, Italy
1993	Jagiellonian University, Krakow, Poland, Native Speaker Certification

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## Conferences

### Conference Planning Committee

2016-2017	Illinois Public Health Association 75th Annual Meeting Planning Committee
2016-2017	Illinois Public Health Association 75th Annual Meeting Planning Committee - Technical Program Planning Committee
2016-2017	Illinois Public Health Association 75th Annual Meeting Planning Committee - Exhibitor Planning Committee

### Conference Presenter

2019	Czart M., "Patient Engagement for Health Care Quality: Initiative to Educate Professionals and Patients". Queen's University Research Forum, May
2018	Czart M., "Course Quality Assurance for Online and Blended Learning Courses". University of Illinois Tech Conference. Abstract Accepted – Conference Canceled due to low abstract submission.
2016	Czart M., "Motivational Interviewing (MI): Strategies for Student and Faculty Engagement". South University Institutional Virtual Conference", November
2014	Czart M., "Before and After the Sloan-C Certificate Program: An Assistant Professor Perspective". Sloan Consortium Annual Conference, November
2013	Czart M. "Challenges of Course Development for an Interdisciplinary Program in Health Care Informatics-In Progress". Sloan Consortium Annual Conference, November
2013	Czart M. "Challenges of Course Development for an Interdisciplinary Program in Health Care Informatics-In Progress". Sloan Consortium Annual Conference, November
2013	Czart M. "Obesity Awareness through Virtual Simulations" Sloan Consortium Annual Conference, November
2010	Stapleton G., Yudkowsky R. Czart M., "Second Life Institute of for Clinical Education". American Association of Medical Colleges. November
2007	Czart M. "Health Effects of Anesthetic Agents on Operating Room Personnel: Sevoflurane and Nitrous Oxide". University of Illinois at Chicago. November
2006	Czart M. "The Prevalence of Overweight and Obesity Among Poles". National Institute of Hygiene. Warsaw, Poland. June

### Conference Participant

2016	American Medical Informatics Annual Symposium in Chicago
2014	20th Online Learning Annual International Conference on Online Learning
2014	iHT2 Health IT Summit in Denver
2014	Health Information and Management Systems Conference – Virtual Attendee
2014	19th Sloan Consortium Annual International Conference on Online Learning Conference
2013	Advances in Health Informatics Conference – National Institutes of Health Informatics Canada
2012	18th Sloan Consortium Annual International Conference on Online Learning Conference
2011	17th Sloan Consortium Annual International Conference on Online Learning Conference
2010	16th Sloan Consortium Annual International Conference on Online Learning Conference
2009	15th Sloan Consortium Annual International Conference on Online Learning Conference

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## Professional Activities, Organizations and Societies

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### Service to Professional Societies and Program Committees

- 2019 – Present Conference Manuscript Reviewer, American Evaluation Association – Program Design Topic Interest Group  
2019 – Present Conference Manuscript Reviewer, American Evaluation Association – Internal Evaluation Topic Interest Group  
2018-2018 Co-Chair of Illinois Public Health Association – Epidemiology and Health Statistics Section  
2016- 2018 Illinois Public Health Association, Policy and Legislative Committee

### Manuscript Reviewer

- 2015 – Present Journal Editorial Reviewer, Polish Annals of Medicine  
2016 – 2017 Journal Editorial Reviewer, Obesity and Weight Management  
2013 – 2017 Journal Editorial Reviewer, South African Journal of Science  
2012 – 2017 Journal Editorial Reviewer, International Journal of Health Promotion and Education

### Memberships

- 2019 – Present Member of American Medical Informatics Association  
2019 – Present Member of American Evaluation Association  
2012 – Present Member of National Institutes of Health Informatics Canada  
2002 – Present Member of Online Learning Consortium (formerly Sloan Consortium)  
2015 – 2016 Member of Medical Informatics Association  
2016 – 2018 Member of Illinois Public Health Association  
2015 – 2016 Member of American Medical Informatics Association  
2013 – 2014 Member of Quality Matters

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## Teaching Experience, Program Curriculum Development and Responsibilities

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### Informatics Teaching Experience

- 2017 – Present BHIS 510 Health Care Information Systems  
2017 – Present BHIS 528 Consumer Health Informatics  
2017 – Present BHIS 534 Health Information Technology and Patient Safety  
2017 – Present BHIS 593 Capstone Course  
2017 – Present BHIS 594 Health IT Evaluation  
2017 – Present BHIS 596 Independent Study Consumer Health and Telehealth  
2015- 2017 HSC 3070 Medical Informatics (Undergraduate)  
2015- 2017 PHE 6203 Public Health Informatics (Graduate)  
2015 NURS522 Informatics and Health Care Delivery Systems (Graduate)  
2012 – 2015 HCI 508 Clinical & Administrative Systems  
2012 – 2015 HCI 534 Health Care Informatics Legal and Ethical Issues  
2012 – 2015 HCI 538 Health Care Information Resources Management  
2012 – 2015 HCI 545 Health Care Strategic Management Planning

2012 – 2015 HCI 550 Risk Management  
2012 – 2015 HCI 555 Information Security and Privacy in Healthcare Environments  
2012 – 2015 HCI 599 Health Care Informatics Capstone

### **Public Health Teaching Experience**

2015- 2017 PHE 3050 Public Health Policy (Undergraduate)  
2015- 2017 PHE 4070 Management and Administration of Public Health Systems (Undergraduate)  
2015- 2017 PHE 5005 Introduction to Health Services and Research (Graduate)  
2015- 2017 PHE 6201 Public Health Policy Research (Graduate)  
2015- 2017 PHE 6202 Program Planning and Evaluation (Graduate)  
2015- 2017 PHE 6220 Evidence-based Public Health Practice (Graduate)  
2015- 2017 PHE 6250 Case Studies in Public Health (Graduate)

### **Informatics Curriculum Development**

2019– Present BHIS 428 Patient Engagement Applied to Health Technology  
2018– Present BHIS 506 Health IT Evaluation  
2018 – Present BHIS 528 Consumer Health Informatics  
2017 – Present BHIS 510 Health Care Information Systems Redevelopment  
2017 – Present BHIS 594 Health IT Evaluation  
2017 – 2018 BHIS 596 Independent Study Consumer Health and Telehealth  
2012 – 2015 HCI 508 Clinical & Administrative Systems  
2012 – 2015 HCI 525 Data Communication and Networking  
2012 – 2015 HCI 534 Health Care Informatics Legal and Ethical Issues  
2012 – 2015 HCI 538 Health Care Information Resources Management  
2012 – 2015 HCI 545 Health Care Strategic Management Planning  
2012 – 2015 HCI 550 Risk Management  
2012 – 2015 HCI 555 Information Security and Privacy in Healthcare Environments  
2012 – 2015 HCI 599 Health Care Informatics Capstone

### **Research Supervisory Experience**

#### **Undergraduate Students**

Fatima E. (2018 - Present). “Obesity: Risk Factor vs. Health Condition Project”. Honors College and BIS 399 Independent Study.

Shakeel S. (2018). “Obesity: Risk Factor vs. Health Condition Project”. Honors College

#### **Masters Students**

Hedgepeth S. (2019). RHIO in Mississippi: MS-HIN’s Lack of a Documented Impact. Capstone Project

Houle S. (2019). Leveraging patient portals to improve patient engagement and to support value-based payment models. Capstone Project

Reeves D. (2019). FHIR for Semantic Interoperability. Capstone Project.

Jorell Amedes S. (2018). The evaluation of the usability of mHealth technologies in chronic disease management in low-resource settings. Capstone Project.

Bogacz M. (2018). Telehealth and Chronic Disease Management. Independent Study.

Bronson N. (2018). Health and Wellness Smart Phone Applications: An mHealth tool To Enhance Patient Empowerment and Promote Shared Decision-Making. Capstone Project.

Dunn D. (2018). Long-term Care and Federal Regulations: The Increasing Value of Electronic Health Records And Health Information Technology. Capstone Project

Jorell Amedes S. (2018). The Evaluation of the Usability of mHealth Technologies in Chronic Disease Management in Low -Resource Setting.

Repp H (2018). Does Technology get in the Way? The Impact of Consumer Health Informatics on the Patient-Provider Relationship. Capstone Project

Brown L. (2017). Literature Review- A Healthcare Professional Perspective: Impact of Information Sharing Among Healthcare Facilities Using Health Information Exchange HIE. Capstone Project

Moore L. (2017). Evidence for Mhealth Effectiveness and Cost-effectiveness in Developing Countries: A Review. Capstone Project

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## **Publications and Communications**

### **Journal Publications**

Czart M. (2016). Consumer Informatics and Health Information on Obesity. *Advances in Obesity, Weight Management & Control, Vol 4 Issue 3* <http://medcraveonline.com/AOWMC/AOWMC-04-00090.pdf>

Czart M. (2014). The Promise of E-Learning: A Case Study in Second Life Using a Virtual Standardized Patient to Teach Motivational Interviewing. *Journal of Virtual World Research, Vol. 7 No2*  
<http://dx.doi.org/10.4101/jvwr.v7i2.6411>

Supranowicz P., Berzanskyte A., Czart M. Valinteliene R., & Wysocki M. (2006). Risk Behaviors-Mid-Adolescence: Attitudinal and Social Determinants. *Advance in Psychology Research, Volume 45, pages 85-120*

### **Miscellaneous Communications (Non-Peer Reviewed)**

#### **Policy Resolutions**

Czart M., Fornoff J. Kyaw P. (2018). Neonatal Abstinence Syndrome (NAS) Awareness and Education through Data. Approval March 2019. <https://ipha.com/news/post/3590/2018-policy-resolutions>

## **Other Professional Activities**

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### **Internal Committee Memberships**

2018- Present	University of Illinois at Chicago, Curriculum Committee
2015- 2017	South University, Public Health Graduate Curriculum Committee
2015- 2017	South University, Assessment Committee
2012 – 2015	American Sentinel University Assessment Committee (HLC, DEAC, ACEN, CCNE)
2012 – 2015	American Sentinel University IRB Committee