

MARCUS A. GORDON

Adjunct Professor / Researcher / Project Manager

OCAD University
Visual Analytics Lab
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Experience

OCAD U Visual Analytics Lab, Toronto
Lab Manager

2017 - Present

OCAD U, Web Systems Design, Toronto
Sessional Instructor

Summer 2018

IBM Design, Toronto
Design Research Intern

Summer 2017

OCAD U Visual Analytics Lab, Toronto
Research Assistant

2016 - 2017

Media Architecture Summit, Toronto
Publications Chair

Fall 2016

Maximum City, Toronto
3D Instructor/Facilitator

Summer 2016

Nikola Rukaj Gallery, Toronto
Consultant

2015 - 2016

Replay Entertainment, Toronto
Unit Set Photographer

2015

OCAD U PHASE Lab, Toronto
Research Assistant

2015 - 2016

Cerebral Diagnostics, Toronto
Digital Art Strategist/Researcher

2014 - 2015

RAC Digital Arts College, Toronto
Game Design Instructor

2013

Apple Retail, Toronto
Business Specialist

2010 - 2014

Education

MFA - Digital Futures, OCAD University, 2017.

Affiliation

Innovation Council Member, Toronto Public Library, 2018.

Member, ACM SIGGRAPH, 2018.

Member, SPIE, 2017.

Research Contributions

1. Relevant Research Contribution (circa 2014)

A. Refereed contributions.

- a. Gordon, M.; Carnavale, M.; Zheng, M.; Diamond, S. (2018) Compara. Encounters in Theory and History of Education. Volume 19 (2018), Special Issue Digital Media and Methods. Kingston: Queen's University. (revised and submitted). Role / Category: Co-author / Data Visualization, Information Design.
- b. Bowes, J., Diamond, S., Juneja, M., Gordon, M., Skelton, C., Gunatilleke, M., ... Zheng, M. D. (2018). User-centered taxonomy for urban transportation applications. In Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) (Vol. 10923 LNCS, pp. 577-593). Springer Verlag. https://doi.org/10.1007/978-3-319-91716-0_46. Role / Category: Co-author / Data Visualization, Urban Informatics.
- c. Gordon, M. (2017). Habitat 44° - The Art of Reconstruction. <https://doi.org/10.13140/rg.2.2.30421.88802>. Role / Category: Author / 3D Visualization, Holography, Art, Architecture.
- d. Skelton, C., Juneja, M. K., Dunne, C., Bowes, J., Szigeti, S., Zheng, M., ... Diamond, S. (2017). Analyzing Student Travel Patterns With Augmented Data Visualizations. In Proceedings of the 2016 ACM Conference Companion Publication on Designing Interactive Systems - DIS '17 Companion (pp. 172-176). New York, New York, USA: ACM Press. <https://doi.org/10.1145/3064857.3079140>. Role / Category: Co-author / Data Visualization, Urban Informatics.

- e. Stein, S., Bruce, A., Carnevale, M., Shakhder, S., Owen, A., Rice-Khoury, A., ... & Hammadullah, S. (2016). Creative techniques handbook 2015 Digital Futures OCAD University. Role / Category: Co-author, "Action Method" and "Wild Card." / Design.

B. Other refereed contributions.

- a. Gordon, M., Compara and VIZLAND World Café, Presented at iCity-ORF: Urban Informatics for Sustainable Metropolitan Growth, 3rd Annual iCity-ORF Research Day 2018, University of Toronto, June 22, 2018. Role / Category: Presentation / Data Visualization.
- b. Gordon, M., Prototyping the Comparative Methodology, Presented at CREATE DAV Summer School 2017, OCAD University, July 6, 2017. Role / Category: Presentation / Data Visualization, Information Architecture.

C. Non-refereed contributions.

- a. Gordon, M., Hussain, A., Semantic Networks and Visualizations, Presented at CREATE DAV Summer School 2018, Visual Analytics Lab, OCAD University, July 4, 2018. Role / Category: Facilitator and Co-Presenter / Semantic Web, Ontology.
- b. Bowes, J., Juneja, M., Skelton, C., Carnevale, M., Zheng, M., Gordon M., Diamond, S., Visualizing the Sociotechnical System as an Urban Democratic Resource; the iCity case study, In: Proceedings in the Relating Systems Thinking and Design (RSD6) Symposium: Oslo, Norway; 18-20 October 2017, (submitted). Role / Category: Co-author / Data Visualization.
- c. Gordon, M., Maximum City: 3D Modeling with Sketchup Workshop, University of Toronto Schools, Toronto, July 2016. Role / Category: 3D Instructor and Co-Facilitator / Design.

D. Forthcoming contributions.

E. Creative outputs.

- a. Gordon, M., Qi and North River, Liminal Forms, MFA Thesis Exhibition, Graduate Gallery, OCAD University, Toronto. Role / Category: Artist / Photography.
- b. Gordon, M., Latimer's Box, Sites of Reconstruction Exhibit, Ignite Gallery, Toronto. Role / Category: Artist / Holography, Installation Art, Print.
- c. Gordon, M., Habitat 44°, MFA Thesis Exhibition, OCAD University Black Box Lab, Toronto. Role / Category: Artist / Holography, Architecture, Visualization.

d. Gordon, M., Holomentis, Baycrest The Brain Project, OCAD University Main Lobby, Toronto, Summer 2016. Role / Category: Artist / Holography, Sculpture.

2. Other Research Contributions

- A. Osler, J., (2018, October). Deceased singers on tour is just the start for holographic technology. CBC News. Retrieved from <https://www.cbc.ca/news/canada/deceased-singers-on-tour-is-just-the-start-for-holographic-technology-1.4868584>. Role / Category: Interview / Holography.
- B. Gordon, M., Mariano, G., LaTeX Workshop, Visual Analytics Lab, OCAD University, Toronto. Role / Category: Workshop Facilitator / LaTeX, Research Writing.
- C. Gordon, M., Habitat 44°: The Art of Reconstruction, Presented at Make Change Conference, Culture Panel, Design Exchange Toronto, November 12, 2017. Role / Category: Presenter and Panelist / Holography.
- D. Gordon, M., Art for Tomorrow Panel Discussion, Black Speculative Arts Movement (BSAM), William Doo Auditorium, University of Toronto, October 2017. Role / Category: Panelist / Speculative Arts, Afrofuturism.
- E. Gordon, M., Media Architecture Summit Toronto, Media Architecture Institute, OCAD University, October 2016. Role / Category: Publications Chair / Media Architecture.
- F. Charles, R., (2016, September). Virtual Reality Art. CBC The National. Retrieved from <https://www.cbc.ca/player/play/777022531924/>. Role / Category: Interview / Virtual Reality, Holography, Digital Art.
- G. Gordon, M., Creating an interface between recorded data of the electrical activity of the brain and a commercial, digital holographic printer, NSERC Engage Research Grant (2014-2015). Link. Role / Category: Researcher / 3D Visualization, Holography, Design.

3. Contributions to Training.

- A. Gordon, M., Web Systems Design, Digital Futures, OCAD University, Toronto, Summer 2018. Role / Category: Sessional Instructor / Web Design, Front-end Web Development.
- B. Syed, H., Influx (2018). Masters thesis, OCAD University. Role / Category: Technical Advisor / Visual Analytics, WebGL, Interaction Design.
- C. Gordon, M., Digital Matte Painting and Games Design I, Recording Arts Canada (RAC) Digital Arts College, Toronto, Fall 2013. Role / Category: Instructor / Digital Art, Graphic Design.