

Andrew Iliadis, Ph.D.

Temple University
Klein College of Media and Communication
Department of Media Studies and Production
Tomlinson, 2020 N. 13th St., Room 225
Philadelphia, PA 19122 USA
Office: (215) 204-4828 / Mobile: (267) 300-7209
andrew.iliadis@temple.edu / www.andrewiliadis.com

Academic Appointments

Associate Professor Temple University Klein College of Media and Communication Department of Media Studies and Production	2024-present
Assistant Professor Temple University Klein College of Media and Communication Department of Media Studies and Production	2017-2024
Postdoctoral Fellow Ontario Tech University Faculty of Social Science and Humanities	2016-2017

Education

Ph.D. , Purdue University, Lafayette, IN, USA Communication and Philosophy	2012-2016
M.A. , Toronto Metropolitan University, Toronto, ON, Canada Communication and Culture	2008-2010
B.A. , Trent University, Peterborough, ON, Canada Literature and Cultural Studies	2003-2007

Books

- Iliadis, A. (2027). *Autonomous defense: How tech companies are crafting and cashing in on the future of warfare*. University of California Press.
- Iliadis, A. (2022). *Semantic media: Mapping meaning on the internet*. Polity.

- Pedersen, I., & Iliadis, A. (Eds.). (2020). *Embodied computing: Wearables, implantables, embeddables, ingestibles*. MIT Press.

Edited Journals

- Iliadis, A., & Ford, H. (Eds.). (2023). Fast facts: Platforms from personalization to centralization. *Social Media + Society*, 9(3), 1-8. <https://doi.org/10.1177/20563051231195546>
- Iliadis, A., Siapera, E., & Lokot, T. (2023). Decolonising the internet: An introduction to the #AoIR2022 special issue. *Information, Communication & Society*, 26(12), 2369–2375. <https://doi.org/10.1080/1369118X.2023.2262554>
- Kerr, A., & Iliadis, A. (Eds.). (2022). Independence: An introduction to the #AoIR2021 special issue. *Information, Communication & Society*, 25(6), 727-733. <https://doi.org/10.1080/1369118X.2022.2063063>
- Iliadis, A. (Ed.). (2017). Ontologies of difference: The philosophies of Gilbert Simondon and Raymond Ruyer. *Deleuze and Guattari Studies*, 11(4), 491-497. <https://doi.org/10.3366/dls.2017.0281>
- Iliadis, A., & Russo, F. (Eds.). (2016). Critical data studies: An introduction. *Big Data & Society*, 3(1-2), 1-7. <https://doi.org/10.1177/2053951716674238>
- Iliadis, A. (Ed.). (2015). Book symposium on *Le concept d'information dans la science contemporaine*. *Philosophy & Technology*, 29(3), 1-24. <https://doi.org/10.1007/s13347-015-0205-z>

Journal Articles

Peer-Reviewed Journal Articles since Temple Appointment (N=11)

*Denotes Temple doctoral student coauthor (N=4)

- Iliadis, A., & *Brown, M. (2026). Wikidata's worldview: A semantic network analysis of ontology, classification, and cultural assumptions in a collaborative knowledge graph. *Technology in Society*. Major Revision. <https://dx.doi.org/10.2139/ssrn.5396411>
- Iliadis, A., & Acker, A. (2024). The Palantir Files: Public interest archives for platform accountability. *Information, Communication & Society*, 27(13), 2343-2365. <https://doi.org/10.1080/1369118X.2024.2352624>
- Ford, H., & Iliadis, A. (2023). Wikidata as semantic infrastructure: Knowledge representation, data labor, and truth in a more-than-technical project. *Social Media + Society*, 9(3), 1-13. <https://doi.org/10.1177/20563051231195552>
- Iliadis, A., Acker, A., *Stevens, W., & *Kavakli, B. (2023). One schema to rule them all: How Schema.org models the world of search. *Journal of the Association for Information Science and Technology*, 76(2), 460-523. <https://doi.org/10.1002/asi.24744>

- **Top Cited Article Certificate (Top 10 most-cited papers published by the journal in 2023).**
 - **Top Viewed Article Certificate (Ranked within the top 10% of most-viewed papers published by the journal in 2023).**
5. Iliadis, A., & Acker, A. (2022). The seer and the seen: Surveying Palantir's surveillance platform. *The Information Society*, 38(5), 334-363. <https://doi.org/10.1080/01972243.2022.2100851>
 6. Iliadis, A., Liao, T., Pedersen, I., & Han, J. (2021). Learning about metadata and machines: Teaching students using a novel structured database activity. *Journal of Communication Pedagogy*, 4, 152-165. <https://doi.org/10.31446/JCP.2021.1.14>
 7. Liao, T., & Iliadis, A. (2021). A future so close: Mapping 10 years of promises and futures across the augmented reality development cycle. *New Media & Society*, 23(2), 258-283. <https://doi.org/10.1177/1461444820924623>
 8. Bencherki, N., & Iliadis, A. (2019). The constitution of organization as informational individuation. *Communication Theory*, 31(3), 442-462. <https://doi.org/10.1093/ct/qtz018>
 9. Iliadis, A., (2019). The Tower of Babel problem: Making data make sense with Basic Formal Ontology. *Online Information Review*, 43(6), 1021-1045. <https://doi.org/10.1108/OIR-07-2018-0210>
 10. Iliadis, A., & Pedersen, I. (2018). The Fabric of Digital Life: Uncovering sociotechnical tradeoffs in embodied computing through metadata. *Journal of Information, Communication and Ethics in Society*, 16(3), 311-327. <https://doi.org/10.1108/JICES-03-2018-0022>
 11. Iliadis, A. (2018). Algorithms, ontology, and social progress. *Global Media and Communication*, 14(2), 219-230. <https://doi.org/10.1177/1742766518776688>

Peer-Reviewed Journal Articles before Temple Appointment (N=5)

1. Iliadis, A. (2015). The right to nonparticipation for global digital citizenship. *International Review of Information Ethics*, 23, 20-34. <https://doi.org/10.29173/irie228>
2. Iliadis, A. (2015). Mechanology: Machine typologies and the birth of philosophy of technology in France (1932-1958). *Systema*, 3(1), 119-130. https://www.researchgate.net/publication/283569949_Mechanology_Machine_Typologies_and_the_Birth_of_Philosophy_of_Technology_in_France_1932-1958
3. Iliadis, A. (2015). Two examples of concretization. *Platform: Journal of Media and Communication*, 6(1), 86-95. <https://platformjmc.com/2015/04/27/vol-6/>

French Translation. La « concrétisation » technique, un concept nodal. Jean-Hugues Barthélémy (Trans.) *Implications philosophiques*. <https://www.implications-philosophiques.org/la-concretisation-technique-un-concept-nodal/>

Spanish Translation. Dos ejemplos de concretización. Bernabé Ferreyra (Trans.) https://www.academia.edu/15478908/_Dos_ejemplos_de_concretizaci%C3%B3n_por_Andrew_Iliadis

- Iliadis, A. (2013). A new individuation: Deleuze's Simondon connection. *MediaTropes*, 4(1), 83-100. <https://mediatropes.com/index.php/Mediatropes/article/view/20385>

Croatian Translation. Nova individualizacija: Povezanost Deleuzea i Simondona. *Tvrđa - časopis za teoriju, kulturu i vizualne umjetnosti*, 2016(1-2), 88-97. <https://www.ceeol.com/search/article-detail?id=455652>

- Iliadis, A. (2013). Informational ontology: The meaning of Gilbert Simondon's concept of individuation. *communication +1*, 2(1), 1-19. <https://doi.org/10.7275/R59884XW>

Editor-Reviewed Journal Articles and Peer-Reviewed Commentaries

- Jankowski, S., Ford, H., Iliadis, A., & Sidoti, F. (2025). Uniting and reigniting critical Wikimedia research. *Big Data & Society*, 12(3), 1-6. <https://doi.org/10.1177/20539517251357292>
- Iliadis, A. (2021). Covid-19 knowledge graphs in health communication and information. *Revista Eletrônica de Comunicação, Informação e Inovação em Saúde*, 15(1), 7-11. <https://doi.org/10.29397/reciis.v15i1.2239>
- Barthélémy, J.-H., & Iliadis, A. (2015). Gilbert Simondon and the philosophy of information: An interview with Jean-Hugues Barthélémy. *Journal of French and Francophone Philosophy*, 23(1), 102-112. <https://doi.org/10.5195/jffp.2015.679>

Proceedings, Reports, and Public Scholarship

- Rodriguez, C., & Iliadis, A. (2019). The MacBride Report legacy and media democracy today. *Media Development: MacBride +40: What Next for Media Democracy?*, LXV(3), 17-24. <https://waccglobal.org/the-macbride-report-legacy-and-media-democracy-today/>
- Burns, R., Hawkins, B., Hoffmann, A. L., Iliadis, A., & Thatcher, J. (2018). Transdisciplinary approaches to critical data studies (pp. 657-660). *Proceedings of the Association for Information Science and Technology*, 55(1). <https://doi.org/10.1002/pr2.2018.14505501074>

Book Chapters and Encyclopedia Entries

*Denotes Temple doctoral student coauthor (N=2)

1. Iliadis, A. (2028). Engineering the state: The Technological Republic by Alexander Karp and Nicholas Zamiska. In J. Farkas (Ed.), *Tech Industry Manifestos: Proclamations of Digital Revolution*. University of Toronto Press.
2. Iliadis, A., & *Onebunne, A. P. (2027). Corporate documents as data: A methods guide for wearables research. In J. Gilmore (Ed.), *The De Gruyter handbook of wearable technologies and society*. De Gruyter.
3. Iliadis, A., & *Onebunne, A. P. (2027). The hermeneutics of scale: From topic models to close reading. In A. Romele, D. Rodighiero, & P. Lawrence (Eds.), *The Routledge Handbook of Digital Hermeneutics*. Routledge.
4. Iliadis, A. (2027). Secrecy by design: Proprietary data in the age of autonomous systems. In L. Pangrazio, A. Acker, M. Currie, & N. Kerssens (Eds.), *The Oxford handbook of critical data literacies*. Oxford University Press.
5. Iliadis, A. (2026). Semantic network analysis of web infrastructure. In M. Bastos & L. Rossi (Eds.), *The handbook of social and communication networks*. Edward Elgar. <https://www.e-elgar.com/shop/usd/handbook-of-social-and-communication-networks-9781035325030.html>
6. Iliadis, A. (2023). Critical and cultural approaches to human-machine communication. In A. L. Guzman, R. McEwen & S. Jones (Eds.), *The SAGE handbook of human-machine communication* (pp. 117-126). Sage. <https://us.sagepub.com/en-us/nam/the-sage-handbook-of-human%E2%80%93machine-communication/book273648>
7. Iliadis, A. (2020). Computer guts and swallowed sensors: Ingestibles made palatable in an era of embodied computing. In I. Pedersen & A. Iliadis (Eds.), *Embodied computing: Wearables, implantables, embeddables, ingestibles* (pp. 1-20). MIT Press. <https://doi.org/10.7551/mitpress/11564.003.0003>
8. Iliadis, A. (2019). The semantic city: Siri. In M. Graham, R. Kitchin, S. Mattern, & J. Shaw (Eds.), *How to Run a City Like Amazon, and Other Fables* (pp. 787-870). Meatspace Press. <https://meatspacepress.com/how-to-run-a-company-like-amazon-and-other-fables/>
9. Iliadis, A. (2018). Cyberinfrastructure. In B. Warf (Ed.), *The SAGE Encyclopedia of the Internet* (pp. 140-143). Sage. <https://dx.doi.org/10.4135/9781473960367.n48>
10. Brightman, A., Beaver, J., Hess, J., Iliadis, A., Kisselburgh, L., Krane, M., Loui, M., & Zoltowski, C. (2016). PRIME ethics: Purdue's reflective & interactive modules for engineering ethics. In *Infusing Ethics into the Development of Engineers: Exemplary Education Activities and Programs* (pp. 39-40). Infusing Ethics Selection Committee, Center for Engineering Ethics and Society, National Academy of Engineering. The National Academic Press. <https://doi.org/10.17226/21889>

11. Iliadis, A. (2015). A Quick History of the Philosophy of Information. In P. Illari (Ed.), *The Philosophy of Information: A Simple Introduction* (pp. 9-27). Society for the Philosophy of Information. https://sophilinfo.github.io/resources/i2pi_2013.pdf

Translations

1. Ruyer, R. (2023). *Cybernetics and the origin of information* (A. Berger-Soraruff, A. Iliadis, D. W. Smith, & A. Woodward, Trans.). Rowman & Littlefield. (Original work published ca. 1954) <https://www.bloomsbury.com/ca/cybernetics-and-the-origin-of-information-9781786614988/>
2. Simondon, G. (2019). Form, information, and potential (A. Iliadis, Trans.). *Philosophy Today*, 63(3), 571-583. <http://doi.org/10.5840/philtoday20191028281>
3. Simondon, N. (2015). Gilbert Simondon and the Royaumont Colloquium, 1962 (A. Iliadis, Trans.). *Philosophy & Technology*, 29(3), 16-23. <http://doi.org/10.1007/s13347-015-0205-z>

Book Reviews

1. Iliadis, A. (2015). Media Effects Research: A Basic Overview by Glenn G. Sparks. *Canadian Journal of Communication*, 40(3), 582-584. <http://cjc-online.ca/index.php/journal/article/view/2949/2635>
2. Iliadis, A. (2015). Why Philosophize? by Jean-François Lyotard. *Dialogue: Canadian Philosophical Review*, 56(4), 813-814. <http://doi.org/10.1017/S0012217315000438>
3. Iliadis, A. (2015). Big Data. *Communication Booknotes Quarterly*, 46(2), 54-57. <http://doi.org/10.1080/10948007.2015.1034538>

Grants, Awards, Fellowships

Grants

1. Liao, T. [PI], Iliadis, A. [Co-PI], Markowitz, D [Co-PI]. (2024). Creating the VR/AR Innovation Database: Using Natural Language Processing to Map the Economic/Technological/Regulatory Landscape of Virtual/Augmented Reality. Internet Society Foundation Research Grant Program, \$455,174. *Unfunded*.
2. Temple University, \$3,000, Grant-in-Aid Research Award, 2024-2025.
3. Temple University, \$3,000, Grant-in-Aid Research Award, 2023-2024.
4. Temple University, \$3,000, Grant-in-Aid Research Award, 2021-2022.
5. Temple University, \$2,500, Grant-in-Aid Research Award, 2018-2019.
6. Temple University, \$2,500, Office of the Vice President for Research, Grant Academy Program, 2017-2018.
7. Purdue University, \$3,000, Graduate School Summer Research Grant, 2015.

8. Purdue University, \$750, Graduate Student Government Professional Grant, 2013.

Awards

1. Temple University, \$7,000, Summer Research Award, 2025.
2. National Academy of Engineering Exemplar in Engineering Ethics Education, 2016.
3. 5th Annual International Symposium on Digital Ethics, Top Student Paper Award, Loyola University, Chicago, 2015.
4. National Communication Association, Top Panel Award, Instructional Development Division, Las Vegas, 2015.

Fellowships

1. Center for the Humanities at Temple (CHAT) Faculty Fellowship, Temple University, teaching release, \$1,000, 2024-2025.
2. Loretta C. Duckworth Scholars Studio (LCDSS) Faculty Fellowship, Temple University, teaching release, research assistant, \$1,000, 2023-2024.
3. Ontario Tech University Postdoctoral Fellowship, \$42,200, Faculty of Social Science and Humanities, 2016-2017.
4. Decimal Lab Doctoral Fellowship, \$5,320, Ontario Tech University, 2016.
5. Partner University Fund Fellowship, \$1,800, The French American Cultural Exchange, 2014.

Research Assistantships

1. National Science Foundation (Award Number: 0939370): Center for Science of Information, 2015-2019, \$43,801,079. <https://www.soihub.org/>
2. National Science Foundation (Award Number: 1237868): SIRA Modules for Effectively Engaging Engineers in Ethical Reasoning About Emerging Technologies, 2013-2015, \$300,000. <https://engineering.purdue.edu/BME/PRIMEEthics>

Presentations

Peer-Reviewed Conference Presentations (N=43)

**Denotes Temple doctoral student coauthor (N=10)*

1. *Onebunne, P., & Iliadis, A. (June, 2026). Competing Justification Models in Corporate Responsible AI Discourse: A Computational Framing Analysis. International Communication Association, Cape Town.

2. Iliadis, A., & *Brown, M. (Oct, 2025). Wikidata's Worldview: Inspecting an AI Knowledge Pipeline with Semantic Network Analysis. Association of Internet Researchers, Rio de Janeiro.
3. *Han, J., & Iliadis, A. (Oct, 2024). Every Prompt Tells a Story: Content Analysis of AI Art Subreddits. Association of Internet Researchers, Sheffield.
4. *Han, J., *Zhu, Y., & Iliadis, A. (Aug, 2024). Researching Journalism and AI: A Computational Topic Modeling and Network Analysis of an Emerging Subfield. Association for Education in Journalism and Mass Communication, Philadelphia.
5. *Han, J., & Iliadis, A. (July, 2024). A Picture is Worth a Thousand Prompts: Topic Modeling of AI Art Subreddit Communities. International Conference on Computational Social Science, Philadelphia.
6. *Han, J., & Iliadis, A. (June, 2024). Peripheral Subreddits: Migration and Meaning in GameStop Short Squeeze Subreddits. International Communication Association, Gold Coast.
7. Iliadis, A. (June, 2024). Fabricating Facts: A Semantic Network Analysis of the Wikidata Ontology. International Communication Association, Gold Coast.
8. Iliadis, A., & *Stevens, W. (May, 2021). One Schema to Rule them All: Analyzing Google, Microsoft, Yahoo, and Yandex's Schema.org Structured Metadata Project. International Communication Association, online.
9. Iliadis, A., Liao, T., Pedersen, I., & *Han, J. (May, 2021). Making Metadata: Teaching Students the Logic of Databases. International Communication Association, online.
10. *Carvajal, L., & Iliadis, A. (Oct, 2020). Deepfakes: A Preliminary Systematic Review of the Literature. Association of Internet Researchers, online.
11. Iliadis, A. (Nov, 2019). Knowledge Graphs: The Political Significance of Enterprise Semantics through Metadata-Driven Schemas, Ontologies, and Taxonomies. National Communication Association, Baltimore.
12. Iliadis, A. (July, 2019). Metadata as Influencer: Baking Contextual Expressivity into Semantic Platforms for Users. International Association for Media and Communication Research, Madrid.
13. Liao, T., & Iliadis, A. (Oct, 2018). Future Imaginaries of the Internet: Playing 'The Thing from the Future.' Association of Internet Researchers, Montreal.
14. Iliadis, A. (May, 2018). Datasmiths and Data Forging: Ontology, Datafied Living, and Cyberinfrastructures. International Communication Association, Prague.

15. Iliadis, A. (May, 2018). *Data Ontology: Semantic Bias in Knowledge Representation Languages*. Data Justice, Cardiff University, Cardiff.
16. Iliadis, A., & Pedersen, I. (Nov, 2017). *Wearables, Ingestibles, Embeddables, Implantables*. National Communication Association, Dallas.
17. Bencherki, N., & Iliadis, A. (Nov, 2017). *The Materiality of Information: A Simondonian Philosophy of Communication*. National Communication Association, Dallas.
18. Iliadis, A. (Nov, 2017). *The Cultural work of Computational Ontology*. Mid-Atlantic Popular & American Culture Association, Philadelphia.
19. Iliadis, A., & Pedersen, I. (Nov, 2017). *A Database for Embodied Technology*. Humanities, Arts, Science, and Technology Alliance and Collaboratory, University of Central Florida, Orlando.
20. Iliadis, A. (Oct, 2017). *Upper Level Ontologies: The Contested Languages of Artificial Intelligence*. Society for the History of Technology, Philadelphia.
21. Iliadis, A., & Pedersen, I. (Oct, 2017). *The Fabric of Digital Life: Building an Internet Archive for Embodied Technology*. Association of Internet Researchers, University of Tartu, Tartu.
22. Iliadis, A. (June, 2017). *The Tower of Babel Problem: Applied Computational Ontologies and their Social Consequences*. Data Power, Carleton University, Ottawa.
23. Iliadis, A. (June, 2017). *Organizing Big Data: A Case Study of the Basic Formal Ontology and its Social Consequences*. Canadian Communication Association, Toronto Metropolitan University, Toronto.
24. Iliadis, A., & Pedersen, I. (May, 2017). *The Fabric of Digital Life: A Digital Humanities Archive for MOOCs*. International Communication Association, San Diego.
25. Iliadis, A. (May, 2017). *Social Ontology in Big Data Organizing. Digital Inequalities and Discrimination in the Big Data Era*, International Communication Association, San Diego.
26. Iliadis, A., & Pedersen, I. (May, 2017). *FABRIC: Uncovering Efficiency Trade-offs in Embodied Technology*. Partnership for Progress on the Digital Divide, San Diego.
27. Iliadis, A., & Pedersen, I. (Nov, 2016). *Teaching Embodied Technology with the Fabric of Digital Life Archive*. aWEAR'16: Wearable Technologies, Knowledge Development, and Learning. Stanford.
28. Iliadis, A. (Nov, 2015). *Nonparticipation and Global Digital Citizenship*. 5th Annual International Symposium on Digital Ethics, Loyola University. Top Student Paper Award.

29. Iliadis, A. (Dec, 2015). Typologies of Media Non-Users. National Communication Association Convention, Las Vegas.
30. Iliadis, A., Kisselburgh, L., Zoltowski, C., Beever, J., Hess, J., & Brightman, A. (Dec, 2015). Analyzing the Development of Online Ethical Reasoning by Students in an Engineering Ethics MOOC using "Levels of Abstraction" Coding of Student Meta-Reflections. National Communication Association Convention, Las Vegas. Top Panel Award.
31. Iliadis, A. (Nov, 2015). The Right to Online Nonparticipation. National Communication Association Convention, Las Vegas.
32. Iliadis, A. (June, 2015). The Concept of Information in Contemporary Science (Royaumont, 1962). Philosophy of Communication Conference, Duquesne University, Pittsburgh.
33. Iliadis, A. (May, 2015). Socialbots, Data, and the Role of Distributed Morality in Multi-Agent Systems. Canadian Communication Association, University of Ottawa.
34. Renner, M., & Iliadis, A. (May, 2015). The Professoriate Talks: Academic Freedom goes Online. International Congress of Qualitative Inquiry, University of Illinois at Urbana-Champaign.
35. Iliadis, A. (April, 2015). The Curator, the Laggard, and the Non-Believer: A Typology of Voluntary Information and Communication Technology Non-Users. Association of American Geographers, Chicago.
36. Iliadis, A. (Nov, 2014). Infostructures: The Historical Epistemology of a Concept. National Communication Association Convention, Chicago.
37. Hess, J. L., Beever, J., Brightman, A., Iliadis, A., Zoltowski, C., Kisselburgh, L., & Krane, M. (Oct, 2014). Deepwater Horizon Oil Spill: An Ethics Case Study in Environmental Engineering. Society for Ethics Across the Curriculum, Arizona State University, Scottsdale.
38. Hess, J. L., Beever, J., Iliadis, A., Kisselburgh, L., Zoltowski, C., & Brightman, A. (Oct, 2014). A Transfer Case Assessment Tool for Measuring Ethical Reasoning Abilities of Engineering Students Using Reflexive Principlism Approach. ACM/IEEE (International Society for Electrical Engineering) Frontiers in Education Conference, Madrid.
39. Kisselburgh, L., Zoltowski, C., Beever, J., Hess, J. L., Iliadis, A., Krane, M., & Brightman, A. (June, 2014). Effectively Engaging Engineers in Ethical Reasoning about Emerging Technologies: A Cyber-Enabled Framework of Scaffolded, Integrated, and Reflexive Analysis of Cases. American Society for Engineering Education (ASEE), Indianapolis.
40. Iliadis, A. (Nov, 2013). Individuation in Deleuze, Simondon, and Aristotle. National Communication Association Convention, Washington DC.

41. Iliadis, A. (Oct, 2013). *An Abstract Machinist: Simondon's Informational Artifacts*. Society for Literature, Science, and the Arts, University of Notre Dame, South Bend.
42. Iliadis, A. (April, 2012). *The Digital Data Arms Race: Google, Facebook, and Martin Heidegger? Critical Themes in Media Studies*, The New School, New York.
43. Iliadis, A. (Aug, 2010). *Repressive Relationality: Towards a Critical Political Economy of Contemporary Information and Communication Technology Networks*. The Social Life of Methods, St. Hugh's College, Oxford University, Oxford.

Peer-Reviewed Panels (N=9)

1. Iliadis, A. (Oct, 2023). *Infrastructures of Manipulation*, Association of Internet Researchers, Philadelphia.
2. Iliadis, A. (Nov, 2022). *Semantic Media: Political Economy Perspectives on Platformized Fact Production*, Association of Internet Researchers, Dublin.
3. Heemsbergen, L., Liao, T., & Iliadis, A. (Oct, 2021). *Critical Augmented Reality Studies: Newly Material Forms of Digital Formations of Identity, Surveillance and Publics*, Society for Social Studies of Science, online.
4. Iliadis, A. (Oct, 2020). *Platformizing Knowledge: Mess and Meaning in Web 3.0 Infrastructures*. Association of Internet Researchers, online.
5. Acker, A., & Iliadis, A. (Oct, 2019). *Schemas, Graphs, Ontologies: Baking Semantics into Data-Driven Media Technologies*, Society for Social Studies of Science, New Orleans.
6. Iliadis, A. (Oct, 2018). *Social Ontology in Big Data Organizing*, Association of Internet Researchers, Montreal.
7. Iliadis, A. (May, 2018). *The Tower of Babel Problem: Information Literacy, Knowledge Representation, and Experiential Epistemology*, International Communication Association, Prague.
8. Iliadis, A. (Oct, 2017). *Data-Driven Ontology Practice*, Association of Internet Researchers, University of Tartu, Tartu.
9. Iliadis, A. (2015). *Critical Data Studies*, Canadian Communication Association Annual Conference, University of Ottawa, Ottawa.

Invited Presentations (N=17)

**Denotes keynote (N=2)*

1. Iliadis, A. (May, 2026). *Embodied Computing and Visceral Emotion Sensing Technologies*. Emotion Sensing and Embodied Technology Workshop. University of Birmingham, Birmingham.

2. Iliadis, A. (November, 2025). A Semantic Network Analysis of Wikidata, Getting Your Hands Dirty: The Craft of Data Management and Analysis Doctoral Seminar, Fox School of Business, Temple University, Philadelphia.
3. *Iliadis, A. (November, 2025). AI and Us: The Good, the Bad, and the Ugly. The Philadelphian Owners Association, The Philadelphian, Philadelphia.
4. Iliadis, A. (March, 2025). Surveillance as a Service: The Rise of Private Data Platforms in Governance. Cultural Data Analytics Open Lab Seminar, Tallinn University, Tallinn.
5. Iliadis, A. (Nov, 2024). Understanding Wikidata's Worldview through Semantic Network Analysis. Science, Technology, and Society Network, Temple University, Philadelphia.
6. *Iliadis, A. (April, 2024). Semantic Media in an Age of Disinformation. International Communication, Digitalization and Society Symposium, Faculty of Communication, Istanbul Aydın University, Istanbul.
7. Iliadis, A. (April, 2024). Wikidata's Worldview: A Semantic Network Analysis of the Free Knowledge Graph. Loretta C. Duckworth Scholars Studio Digital Showcase, Temple University, Philadelphia.
8. Iliadis, A., & Acker, A. (April, 2023). "We Do Not Collect Data": Mitigating Privacy and Civil Liberties Concerns at Palantir. International Workshop on the Role of Data Integration and Analysis Platforms in Contemporary Society, IT University of Copenhagen, Copenhagen.
9. Iliadis, A. (April, 2023). The Problem with Semantic Media. Technologies in Practice Salon, IT University of Copenhagen, Copenhagen.
10. Iliadis, A. (April, 2023). How Large Tech Companies Organize Knowledge. Digital Management Program, Copenhagen Business School, Copenhagen.
11. Iliadis, A. (Oct, 2020). Semantic Agency: Graphing Knowledge on Web Infrastructures. The Future of Agency, Association of Internet Researchers Pre-Conference, Virtual.
12. Iliadis, A. (Nov, 2020). Embodied Computing: Wearables, Implantables, Embeddables, Ingestibles. IEEE Society on Social Implications of Technology, International Symposium on Technology and Society, Virtual.
13. Iliadis, A. (Jan, 2019). Semantic Media: Who's Building Meaning into Our Machines? Decimal Lab Speaker Series, Centre for Social Innovation, Toronto.
14. Iliadis, A. (Nov, 2018). Schema, Graph, Ontology: Baking Semantics into Data-Driven Media Technologies. Illuminations Lecture Series, Purdue University.
15. Iliadis, A. (Oct, 2018). On the Ethics of Schemas, Graphs, and Ontologies. PHI 6679: Digital Ethics, University of Central Florida, Department of Philosophy.

16. Iliadis, A. (Dec, 2017). Carving Nature at its Joints: Notes on Philosophy's Contribution to Computational Ontology. Continental Philosophy and Information Technology Workshop, University of Dundee.
17. Iliadis, A. (Sept, 2017). Individuation: Ontology at the Intersection of Information and Materiality. Information + Humanities Conference, The Center for Humanities and Information, Pennsylvania State University, University Park.
18. Iliadis, A. (Sept, 2015). Re-Ontologizing the Body: Data and Wearable Personal Status Monitoring (PSM) Devices. Wear Me: Art | Technology | Body, Ontario Tech University.

Teaching Experience

Courses Taught since Temple Appointment

1. Temple University, MC 9883: Independent Study (Ryan Daly, fall 2022; Annette Masterson, spring 2021; Trystram Spiro-Costello, spring 2020).
2. Temple University, MC 9735: Emerging Media and Communication (spring 2026).
3. Temple University, MC 9205: Social Media Analytics (fall 2023, spring 2022).
4. Temple University, MSP 5114: Communication Research Methods (fall 2022; fall 2020; fall 2019; fall 2018).
5. Temple University, MSP 4453/8473: Information Society (fall 2020; fall 2019; fall 2018; fall 2017).
6. Temple University, MSP 4182: Independent Study (Rachel Bromberg, spring 2020; fall 2019).
7. Temple University, MSP 3455: Social Media Communication (fall 2026).
8. Temple University, MSP 3421: Technology and Culture (spring 2018; fall 2017).
9. Temple University, MSP 2741: Introduction to Internet Studies and Web Authoring (spring, 2024; spring 2025; fall 2025).
10. Temple University, MSP 1021: Introduction to Media Analysis (fall 2024; spring 2025; fall 2025; spring 2026).
11. Temple University, MSP 1011: Introduction to Media Theory (spring 2024; spring 2023; fall 2022; spring 2022; spring 2021; spring 2020; spring 2019; fall 2018).

Courses Taught before Temple Appointment

1. Ontario Tech University, COM 241: Media and Information Policy.
2. Purdue University, PHIL 490/CS 490/COM 496: Ethics and Philosophy of Information.
3. Purdue University, COM 435: Communication and Emerging Technology.

4. Purdue University, COM 336: Advertising in the Electronic Mass Media.
5. Purdue University, COM 251: Communication, Information, and Society.
6. Purdue University, COM 114: Fundamentals of Speech Communication.

Masters Student Committees (N=16)

1. August McBride, Major Research Project Committee Member, in progress.
2. Matthew Lavine, Thesis Committee Member, in progress.
3. Edith Njeri Mwangi, Thesis Committee Member, completed spring 2025.
4. Matt Cascio, Comprehensive Examination Committee Member, completed spring 2025.
5. Andrew Alcedo, Major Research Project Committee Member, completed spring 2024.
6. Dylan Schenker, Thesis Advisor, completed spring 2023.
7. Emma Goldhaber, Thesis Advisor, completed spring 2022.
Accepted/enrolled in the PhD program at Columbia University Graduate School of Journalism.
8. Laura Carvajal, Thesis Advisor, completed spring 2021.
9. Will Davis, Major Research Project Committee Member, completed spring 2021.
10. Christiana Dillard, Thesis Advisor, completed spring 2021.
Received Facebook internship / accepted/enrolled in the PhD program at the Annenberg School for Communication at the University of Pennsylvania.
11. Amber Douglas, Major Research Project Committee Member, completed spring 2021.
12. Ali Alajmi, Thesis Advisor, completed spring 2021.
13. Brandon Liemer, Major Project Committee Member, completed spring 2021.
14. Geoffrey Epstein, Thesis Committee Member, completed fall 2021.
15. Edward Betts, Major Research Project Committee Member, completed spring 2020.
16. Abigail Moore, Thesis Committee Member, completed spring 2019.

Doctoral Student Committees (N=8)

1. William Power, External Reader (Department of Computer and Information Sciences, Temple), in progress.
2. Amaka Peace Onebunne, Dissertation Advisor, in progress.
3. Keyu Chen, Dissertation Advisor, in progress.
4. Yujie Zhong, Dissertation Advisor, in progress.

5. Jing Han, Dissertation Advisor, exams completed spring 2023, dissertation proposal completed fall 2023, dissertation defended fall 2024.
Accepted position as Digital Scholarship Librarian at the University of California, Riverside
6. Weimei Sun, Dissertation Committee Member, exams/dissertation proposal completed fall 2022, dissertation defended fall 2023.
7. Nicole Garlic, Dissertation Committee Member, exams/proposal completed fall 2020, dissertation defended fall 2023.
8. Andrew Shumway, Dissertation Committee Member, exams completed spring 2019, dissertation proposal completed spring 2024.

Academic Service

University

1. Data Sciences & Artificial Intelligence Network Steering Committee, 2025-present.
2. Loretta C. Duckworth Scholars Studio Advisory Board, 2023-present.
3. Klein Representative for Cultural Analytics Graduate Certificate Program, 2017-present.
4. Affiliate Member, H.U.B. (Helping Understand Breakthroughs) for Public Engagement with New Technologies and Scientific Advancements, 2026-present.
5. Science, Technology, and Society Faculty Member, 2017-present.
6. Faculty and Research Collaboration Committee, 2018-2020.

College

1. Faculty Council, Klein College of Media and Communication, Vice Chair (2025-present), At-Large Member (2024-present), Secretary (2024-2025).
2. Klein / Media Studies and Production Representative, Faculty Senate, 2020-present.
3. Klein AI Committee, 2025-present.
4. Admissions Committee, Media and Communication Doctoral Program, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2022-2023 (chair), 2023-2024 (chair), 2024-2205 (chair).
5. Klein Grad and Research Building Committee, 2021-present.
6. Klein Rising Scholar Award Committee, 2020.
7. Klein Graduate Research Forum, Media and Communication Doctoral Program, Reviewer, 2018, 2019.

Department

1. Curriculum Committee Member, Media Studies and Production, 2025-present.
2. Recruitment Committee Member, Media Studies and Production, 2023-present.
3. Information Management Committee, Media Studies and Production, 2018-2023 (chair), 2024-present.

Philadelphia Community

Student Mentor, International Baccalaureate Program at Central High School of Philadelphia, Christ Do, 2019.

Editorial Boards

1. Associate Editor, *Journal of Applied Communication Research*, 2026-present.
2. Associate Editor, *Harvard Kennedy School Misinformation Review*, 2025-present.
3. Associate Editor, *Digital Society*, 2023-present.
4. Associate Editor, *Philosophy & Technology*, 2021-present.
5. Editorial Board Member, *Journal of Responsible Technology*, 2020-present.

Conference and Workshop Organizing, Panel and Roundtable Chairing, Mentoring

1. Symposium Co-Organizer, Data Science & AI @Temple Symposium, March, 2026.
2. Mentor, Doctoral Colloquium, Association of Internet Researchers, Niterói, October, 2025.
3. Panel Moderator, Algorithmic Imaginaries, Association of Internet Researchers, Niterói, October, 2025.
4. Panel Chair, AI and Robots for Your Home and Work, International Communication Association, Gold Coast, June, 2024.
5. Panel Chair, The Rise of ChatGPT, International Communication Association, Gold Coast, June, 2024.
6. Panel Chair, When Cats are Curious but Can't Get Answers: Advancing Algorithm Awareness, International Communication Association, Gold Coast, June, 2024.
7. Symposium Co-Organizer, Wikipedia and/as Data, Brisbane, June, 2024.
8. Conference Co-Organizer, Association of Internet Researchers, Philadelphia, 2023, 2021.
9. Workshop Co-Organizer, Early Career Scholars Workshop, International Conference on Social Media & Society, Virtual, 2022.

10. Mentor, Human-Machine Communication Interest Group Early-Career Mentorship Event, International Communication Association (Mentees: Deniz Özalpman, Ignacio Cruz, Marco Dehnert), Virtual, May, 2021.
11. Mentor, Mentorship Program, Social Studies of Science (4S) Conference (Mentee: Bao-Chau), Virtual, Oct, 2021.
12. Roundtable Chair, Boundary Bodies: Theorizing the Body in Human-Machine Communication and Embodied Computing. Association of Internet Researchers, online, Oct, 2020.
13. Panel Chair, The Datafication of Modernity's Institutions, Justice and Order in the Datafied Society: Connecting Communications and Legal Theory, International Communication Association, Washington, May, 2019.
14. Conference Co-Organizer, Media, Movements, and the City: A Gathering of Media Activism in Philadelphia, Philadelphia, Sept, 2018.
15. Panel Chair, A Division of Labor: The Role of Big Data Analysis in the Repertoire of Internet Research Methods, Association of Internet Researchers, Montreal, Oct, 2018.
16. Program Committee, Information Visualization, Ninth Workshop on the Philosophy of Information, Royal Flemish Academy of Belgium for Science and Arts, Brussels, June, 2018.
17. Panel Chair, Data, Justice, and Security, Data Power, Carleton University, Ottawa, June, 2017.
18. Panel Chair, Data, Evidence, and Influencers, Canadian Communication Association Annual Conference, Toronto Metropolitan University, Toronto, May/June, 2017.
19. Panel Chair, Exploring Life in the Digital Age and Pervasive Technology, Partnership for Progress on the Digital Divide, San Francisco, May, 2017.
20. Program Committee, Conceptual Challenges of Data in Science and Technology, Seventh Workshop on the Philosophy of Information, University College London, London, March, 2015.
21. Panel Chair, Information and Government, Information Ethics Roundtable, University of Wisconsin-Madison, Madison, April, 2015.

Reviews (years withheld to protect anonymity)

Governments and Non-Governmental Organizations

Einstein Foundation Berlin; National Science Foundation (NSF), USA; Natural Sciences and Engineering Research Council of Canada (NSERC); Republic of Austria (Stanford University – Distinguished Visiting Austrian Chair Professor)

Presses

MIT Press, Duke University Press, Edinburgh University Press, Polity, Routledge, Bloomsbury

Journals

Big Data & Society; Canadian Journal of Communication; communication +1; Communication Theory; Communications of the ACM; Convergence; Deleuze Studies; Digital Society; Human Communication Research; IEEE Access; IEEE Technology and Society Magazine; Information; Information, Communication & Society; Information & Culture; The Information Society; International Journal of Communication; International Journal of Knowledge and Systems Science; Internet Policy Review; Journal of the Association for Information Science and Technology; Journal of Communication; Journal of Communications Media Studies; Journal of Cultural Cognitive Science; Journal of Language and Social Psychology; Journal of Responsible Technology; Knowledge and Information Systems; New Media & Society; Organization Studies; Parrhesia; Philosophy & Technology; Platforms & Society; PLOS One; Regulation & Governance; Social Media + Society; Social Science Computer Review; Surveillance & Society; Techné; Technoculture; Technology in Society; Theory, Culture & Society

Associations

Association for Computing Machinery (ACM); Association of Internet Researchers (AoIR); Canadian Communication Association (CCA); International Communication Association (ICA); Institute of Electrical and Electronics Engineers (IEEE); National Communication Association (NCA); Society for Social Studies of Science (4S)