

Intellectual Contributions

Utah Valley University
Annual Report 2022-2023

Accounting

Bartholomew Esq., Aaron S.

Journal Article, Academic Journal (Published)

Bartholomew, A., Yamen, S. (2023). The Unexpected New Frontier in Property Law. *Utah Bar Journal*, 36(2).

Journal Article, Academic Journal (Published)

Bartholomew, A., Howard, C. (2022). Special Considerations in Teaching Discovery. *The Legal Educator*.

Howard, Carolyn

Journal Article, Academic Journal (Published)

Bartholomew, A., Howard, C. (2022). Special Considerations in Teaching Discovery. *The Legal Educator*.

Olsen, Kari J.

Journal Article, Academic Journal (Published)

Erickson, D., Holderness, D. K., Olsen, K., Thornock, T. A. (2022). Feedback with Feeling? How Emotional Language in Feedback Affects Individual Performance. *Accounting, Organizations and Society*.

Journal Article, Academic Journal (Published)

Holderness, D. K., Olsen, K., Thornock, T. A., Tomlinson, E. C. (2022). Will Someone Be Checking My Work? The Effect of Psychological Entitlement and the Expectation of Being Monitored on Task Performance and Misreporting. *Accounting Horizons*.

Smith, Sheldon

Journal Article, Academic Journal (Published)

Smith, S. R., Van Wagoner, M. D. (2022). Bond Repurchases: A Teaching Case. *Journal of Higher Education Theory and Practice/North American Business Press*, 22(4), 1-12.

Conference Proceeding (Published)

Smith, S. (2023). *Considerations for Roth IRA Conversions*. Western Decision Sciences Institute.

Conference Proceeding (Published)

Oestreich, N., Smith, S. (2022). *Qualified Charitable Distributions Four Plus Years After Tax Reform*. Decision Sciences Institute Annual Meeting Proceedings.

Van Wagoner, Marty D.

Journal Article, Academic Journal (Published)

Smith, S. R., Van Wagoner, M. D. (2022). Bond Repurchases: A Teaching Case. *Journal of Higher Education Theory and Practice/North American Business Press*, 22(4), 1-12.

Art and Design

Ogus, Esen

Journal Article, Academic Journal (Published)

Ogus, E. (2022). 'A statue of bronze, by which times of old used to honor men of rare example' Materials of Honorific Statues in Late Antiquity. *Byzantinische Zeitschrift*, 115, 211-246.

Thornock, Christopher L.

Contracted Creative Work (Published)

Thornock, C. (2022). *Cover Illustration for Friend Magazine.*

Contracted Creative Work (Published)

Thornock, C. (2022). *Illustration for Southern Poverty Law Center.*

Contracted Creative Work (Published)

Thornock, C. (2022). *Illustrations for BJU Press Project.*

Contracted Creative Work (Published)

Thornock, C. (2022). *Two-Page Spread Illustration.*

Behavioral Science

Arocho, Rachel R.

Book, Chapter in Scholarly Book-New (Published)

Arocho, R., Johnson, B. A. (2023). In D. D. Law & N. Dominguez (Ed.), *Formal mentoring programs: Characteristics, benefits, and outcomes.* Making Connections: A Handbook for Effective Formal Mentoring Programs in Academia. Utah State University: Empowering Teaching Excellence..

Journal Article, Academic Journal (Published)

Arocho, R., Lozano, E. B., Hansen, R. L., Rehani, R., Thompson, A. F., Fleming, T. G., Cooksey, E. (2022). Family Forms Survey: Identifying donor-conceived offspring, donors, and recipients in a national panel. *Survey Methods: Insights from the Field.*

Bailey, Russell

Book, Scholarly-New (Published)

Bailey, R. J., Ogles, B. M. (2023). *Common factors therapy: A principle-based treatment framework* (pp. 267). Washington, DC: American Psychological Association.

Chakravarty, Debjani

Journal Article, Academic Journal (Published)

Hungerford, H., Subulwa, A. G., Chakravarty, D. (2022). The Insta-Gaze: investigating the endurance of stereotypes of Africa. *SOCIAL & CULTURAL GEOGRAPHY.*

Cottle, Nate

Certification in Accelerated Resolution Therapy

Cottle, N. (2022). *Certification in Accelerated Resolution Therapy.*

Hill, Jessica C.

Technical Report (Published)

Wagstaff, C., Leroy, T., Hill, J., Hopkin, C., Darowski, E. S. (2023). *Domestic violence among Utah women — A 2023 update* (pp. 5).

Pedagogical Essay (Published)

Hill, J., Jorgensen, C. (2022). "Circle of Safety": *A human approach to late work*.

Broadcast Media (Published)

Hill, J. C., Panoke, S. L. L., Tsosie-Jensen, L., Smith, P., Xiao, Z. M. (2022). In S. R. Madsen (Ed.), *The status & experiences of Utah women of color panel*.

Broadcast Media (Published)

Hill, J. C., Christensen, M. (2022). In S. R. Madsen (Ed.), *The status & experiences of Utah Hispanic or Latina women* (No. 46). Utah Women & Leadership Project.

Broadcast Media (Published)

Hill, J. C., Tsosie-Jensen, L., Hor, J. (2022). In S. R. Madsen (Ed.), *The status & experiences of Utah Asian women* (No. 45). Utah Women & Leadership Project.

Hopkin, Cameron

Technical Report (Published)

Wagstaff, C., Leroy, T., Hill, J., Hopkin, C., Darowski, E. S. (2023). *Domestic violence among Utah women — A 2023 update* (pp. 5).

Jorgensen, Claudia

Pedagogical Essay (Published)

Hill, J., Jorgensen, C. (2022). "Circle of Safety": *A human approach to late work*.

Peer-Reviewed Pedagogical Material (Published)

Jorgensen, C. (2022). *Neural Development* (2nd ed., vol. 3). POGIL Activity Clearinghouse.

Nelson, Julie K.

UVU Stronger Families Recruitment Flyer (Published)

Nelson, J. (2023). *UVU Stronger Families Recruitment Flyer*.

Teaching Article on CHSS Website (Published)

Nelson, J. (2022). In Dr. Rachel Arocho (Ed.), "How Formative Assessments Shape Better SRIs". Orem, Utah: UVU College of Humanities and Social Science.

Agency Logo (Published)

Nelson, J. K. (2022). *Agency Logo*. Orem, Utah: UVU.

Blogpost (Published)

Nelson, J. (2022). In Camille Rees (Ed.), "The Do Over Strategy". Utah State University, Logan Utah: Utah Marriage Commission.

Overono, Acacia

CHSS Teaching Highlights (Published)

Overono, A. (2023). *The AI-ephant in the Room: Discussing AI as a way of knowing with UVU Students*.

Postler, Kaicee B.

Journal Article, Academic Journal (Published)

Postler, K. B., Helms, H. M., Anastopoulos, A. D. (2022). Examining the linkages between marital quality and anxiety: A meta-analytic review. *Family Process*, 61.

Poulson, Barton

Video tutorial (Published)

Poulson, B. (2023). *Learning R*. Carpinteria, CA: LinkedIn Learning.

Video tutorial (Published)

Poulson, B. (2022). *AI Accountability Essential Training*. Carpinteria, CA: LinkedIn Learning.

Video tutorial (Published)

Poulson, B. (2022). *The Data Science of Healthcare, Medicine, and Public Health*. Carpinteria, CA: LinkedIn Learning.

Shubert, Jennifer

Journal Article, Academic Journal (Published)

Wray-Lake, L., Alvis, L., Plummer, J., Shubert, J., Syvertsen, A. (2022). Adolescents' Developing Awareness of Inequality: Racial and Ethnic Differences in Trajectories. *Child Development*.

Story Chavez, Megan

Journal Article, Academic Journal (Published)

Notice, M., Caspari, J. H., Story Chavez, M. (2022). Incorporating behavioral health providers onto inpatient medical teams: A feasibility study. *Journal of Clinical Psychology in Medical Setting (JOCS)*, 8, 831-839.

Journal Article, Academic Journal (Published)

Milstead, K., Story Chavez, M., Pickens, J. C., Morrow, E. (2022). The relationship between eating disorder and the narrative self: An intimate partner violence comparison. *Australian and New Zealand Journal of Family Therapy*, 43(4), 462-474.

Tolman, Anton

Journal Article, Academic Journal (Published)

Tolman, A., Johnson, B. (2022). Preparing faculty to mentor students for success in undergraduate research. *Journal on Excellence in College Teaching*, 33(4), 77-90.

Journal Article, Academic Journal (Published)

Tolman, A., Johnson, B. A. Preparing faculty to mentor students for success in undergraduate research.

Biology

Cusick, Jessica A.

Journal Article, Academic Journal (Published)

Raby, C.-I. L., Cusick, J.-I. A., Fürtbauer, I., Graham, K. E., Hauber, M. E., Madden, J. R., Strauss, A., Fernández-Juricic, E. (2022). An inclusive venue to discuss behavioural

biology research: the first global Animal Behaviour Twitter Conference. *Animal Behaviour*, 187.

Egan, Ashley N.

Book, Chapter in Scholarly Book-New (Published)

Egan, A. N. (2023). *Ladeania* (parts 1 and 2 ed., vol. 11, pp. 1108). Flora of North America North of Mexico Volume 11: Magnoliophyta: Fabaceae, Parts 1 and 2.

Book, Chapter in Scholarly Book-New (Published)

Egan, A. N., Reveal, J. L. (2023). In Geoffrey Levin, Jay A. Raveill, Michael A. Vincent (Ed.), *Pediomelum* (parts 1 and 2 ed., vol. 11, pp. 1108). New York, NY: North of Mexico Volume 11: Magnoliophyta: Fabaceae, Parts 1 and 2.

Journal Article, Academic Journal (Published)

Snoeck, S., Abramson, B. W., Garcia, A. G.K., Egan, A. N., Michael, T. P., Steinbrenner, A. D. (2022). Evolutionary gain and loss of a plant pattern-recognition receptor for HAMP recognition. *eLife*, 11(e81050), 1-25.

Website/Database, World Checklist of Legume plants (Published)

Legume Phylogeny Working Group, Egan, A. (2022). *The World Checklist of Vascular Plants (WCVP): Fabaceae, version 2022. v2* (2nd ed.). SANBI Institutional Repository.

Fairbanks Ph.D., Daniel J.

Book, Scholarly-New (Published)

Fairbanks, D. J. (2022). In Jonathan Kurtz, Nicole Carty (Ed.), *Gregor Mendel: His Life and Legacy* (pp. 223). Guilford, CT: Prometheus Books/Globe Pequot/Rowman and Littlefield.

Journal Article, Academic Journal (Published)

Fairbanks, D. (2022). Gregor Mendel at his bicentennial: highlights of the life and legacy of a scientific genius. *Folia Mendeliana*, 58(1), 7–14.

Magazine/Trade Publication (Published)

D. (2022). In Margherita Colucci, Daniel J. Fairbanks (guest editor) (Ed.), *Historical-Scientific Research on Mendel at the Bicentennial of His Birth: Interviews with Nine Mendel Scholars* (87th ed., pp. 20–27). London: Genetics Society News.

Gazdik Stofer, Michaela

Journal Article, Academic Journal (Published)

Rawson, C., Hooper, V., Hansen, R., Gazdik Stofer, M. (2023). Celiac disease and a gluten-free diet lead to loss of *Methanobrevibacter* from the gut microbiome. *URNCST Journal*.

Hjelmen, Carl

Journal Article, Academic Journal (Published)

Hjelmen, C., Yuan, Y., Parrott, J. J., McGuane, A. S., Srivastav, S. P., Purcell, A. C., Pimsler, M. L., Sze, S.-H., Tarone, A. M. (2022). Identification and Characterization of Small RNA Markers of Age in the Blow Fly *Cochliomyia macellaria* (Fabricius)(Diptera: Calliphoridae). *Insects*, 13, 948.

Kopp, Olga R.

Journal Article, Academic Journal (Published)

Slezak, C., Anderson, K., Hillock, T., Miller, M., Dungal, P., Kopp, O., Sterflinger, K., Slezak, P. (2022). Shockwaves Increase In Vitro Resilience of *Rhizopus oryzae* Biofilm under Amphotericin B Treatment (2022). *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 23(16).

Review of 3 book chapters (2022) (Published)

Kopp, O. (2022). In Kendall Hunt (Ed.), *Ethnobotany: A Modern Perspective - Rani Vajravelu* (2022).

Ogden, Thomas H.

Journal Article, Academic Journal (Published)

Ferguson, D., Abele, J., Palmer, S., Willis, J., McDonald, C., Messer, C., Lindberg, J., Ogden, T. H., Bailey, E., Jensen, J. (2022). Popular media and the bombardment of evolution misconceptions. *Evolution: Education and Outreach*, 15(19).

Journal Article, Academic Journal (Published)

Ferguson, D., Jensen, J., Arok, A., Bybee, S., Ogden, T. H. (2022). Student Acceptance of Evolution: Factors that lead to change. *Journal of College Teaching*, 52(2).

Journal Article, Academic Journal (Published)

Jensen, J., Smith, C. M., Bowers, R., Kaloi, M., Ogden, T. H., Parry, K. A., Payne, J. S., Fife, P., Holt, E. (2022). Asynchronous Online Instruction Leads to Learning Gaps When Compared to a Flipped Classroom. *International Journal of Science Education*, 31, 718-729.

Riggs, Erin

Journal Article, Academic Journal (Published)

Mcgee, S., Tidwell, A., Riggs, E., Veltkamp, H., Zahn, G. (2022). Long-term soil fungal community recovery after fire is impacted by climate change. *WESTERN NORTH AMERICAN NATURALIST*, 82(3), 451-459.

Stevens, Michael T.

Journal Article, Academic Journal (Published)

Stevens, M. T. (2022).

Whaley, Wayne

Journal Article, Professional Journal (Published)

Whaley, W., Dev, V., Bailey, S.R., Chea, E., Dimaano, J., Jogani, D., Ly., B., Eggett, D. Essential oil composition of nine Apiaceae species from western United States that attract the female Indra Swallowtail butterfly (*Papilio indra*). *Biochemical Systematics and Ecology*.

Journal Article, Professional Journal (Published)

Whaley, W., Beauchamp, P.S., Dev, V., Tran, H.D. Analysis of essential oils of *Lomatium marginatum* (Benth.) Coult. & Rose var. *purpureum* Jepson. Isolation of (Z)- β -lomatene, a new sesquiterpene hydrocarbon. *J. Essential Oil Research. California Lomatiums*(5).

Peer Review for a proposal (Published)

Whaley, W. Bt corn/monarch butterfly impact study out of Iowa State University.

Book Review (Published)

Whaley, W. *BLM study involving Restriction Fragment Length Polymorphism in Northern Goshawk and Queen Charlottes Islands Goshawks*. Sandy Lumas – Call Clayton White to get complete title.

Zahn, Geoffrey

Journal Article, Academic Journal (Published)

Tedersoo, L., Mikryukov, V., Zizka, A., Bahram, M., Hagh-Doust, N., Anslan, S., Prylutskiy, O., Delgado-Baquerizo, M., Maestre, F. T., Parn, J., Opik, M., Moora, M., Zobel, M., Espenberg, M., Mander, U., Khalid, A. N., Corrales, A., Agan, A., Vasco-Palacios, A.-M., Saitta, A., Rinaldi, A. C., Verbeken, A., Sulistyo, B. P., Tamgnoue, B., Furneaux, B., Ritter, C. D., Nyamukondiwa, C., Sharp, C., Marin, C., Gohar, D., Klavina, D., Sharmah, D., Dai, D. Q., Nouhra, E., Biersma, E. M., Rahn, E., Cameron, E. K., De Crop, Eske, Otsing, E., Davydov, E. A., Albornoz, F. E., Brearley, F. Q., Buegger, F., Zahn, G., Bonito, G., Hiiesalu, I., Barrio, I. C., Heilmann-Clausen, J., Ankuda, J., Kupagme, J. Y., Macia-Vicente, J. G., Fovo, J. D., Geml, J., Alatalo, J. M., Alvarez-Manjarrez, J., Poldmaa, K., Runnel, K., Adamson, K., Brathen, K. A., Pritsch, K., Tchan, Kassim, I., Hyde, K. D., Newsham, K. K., Panksep, K., Lateef, A. A., Tiirmann, L., Hansson, L., Lamit, L. J., Saba, M., Tuomi, M., Gryzenhout, M., Bauters, M., Piepenbring, M., Wijayawardene, N., Yorou, N. S., Kurina, O., Mortimer, P. E., Meidl, P., Kohout, P., Nilsson, R. H., Puusepp, R., Drenkhan, R., Garibay-Orijel, R., Godoy, R., Alkahtani, S., Rahimlou, S., Dudov, Sergey, V., Polme, S., Ghosh, S., Mundra, S., Ahmed, T., Netherway, T., Henkel, T. W., Roslin, T., Nteziriyayo, V., Fedosov, V. E., Onipchenko, V. G., Yasanthika, W. A. Erandi, Lim, Y. W., Soudzilovskaia, N. A., Antonelli, A., Koljalg, U., Abarenkov, K. (2022). Global patterns in endemism and vulnerability of soil fungi. *GLOBAL CHANGE BIOLOGY*, 28(22), 6696-6710.

Journal Article, Academic Journal (Published)

Tipton, L., Zahn, G., Darcy, J. L., Amend, A. S., Hynson, N. A. (2022). Hawaiian Fungal Amplicon Sequence Variants Reveal Otherwise Hidden Biogeography. *MICROBIAL ECOLOGY*, 83(1), 48-57.

Journal Article, Academic Journal (Published)

Mcgee, S., Tidwell, A., Riggs, E., Veltkamp, H., Zahn, G. (2022). Long-term soil fungal community recovery after fire is impacted by climate change. *WESTERN NORTH AMERICAN NATURALIST*, 82(3), 451-459.

Chemistry

Heider, Emily

Journal Article, Academic Journal (Published)

Young, N., Welch, J., Sees, M., Beazley, M., Heider, E. (2022). Longitudinal Analysis of Sucralose at a Water Treatment Wetland. *Environments*, 9(9), 11.

Journal Article, Professional Journal (Published)

Heider, E., Simkins, K., McLaughlin, J., Simmons, V., Long, R., Coulter, A. (2022). Integrating informal learning in college general chemistry courses. *Chemistry Education Research and Practice*, 23, 913-929.

Laricheva, Elena N.

Journal Article, Academic Journal (Published)

Laricheva, E., Ilikchyan, A. (2023). Exploring the Effect of Virtual Reality on Learning in General Chemistry Students with Low Visual-Spatial Skills. *Journal of Chemical Education*.

Communication

Allen, Jordan

Co-Editor (Published)

Allen, J. (2022). *Family Communication as...Exploring Metaphors for Family Communication*. Wiley.

Colvin, Janet

Book editing (Published)

Colvin, J. (2023). In David Ryback (Ed.), *The Big Split* (pp. 250). Virginia Beach, VA: Koehlerbooks.

Greco, Natalie C.

Journal Article, Academic Journal (Published)

Greco, N. C. (2022). Engaging Pre-Med Students in Field-Related Dialogue: Best Practices for a Dialogic Approach to a Health-Specific Oral Communication Course. *Journal of Communication Pedagogy*, 6.

McKasy, Meaghan

Journal Article, Academic Journal (Published)

McKasy, M. (2022). Credibility as a Differentiation and Relational Strategy: The Case of CNN's Unprecedented Democratic Climate Crisis Town Hall Forum. *International Journal of Communication*.

Journal Article, Academic Journal (Published)

Su, L. Y.-F., McKasy, M., Cacciatore, M. A., Yeo, S. K., DeGrauw, A., Zhang, J. S. (2022). Generating science buzz: An examination of multidimensional engagement with humorous scientific messages on Twitter and Instagram. *Science Communication*.

Computer Science

Allison, Chuck

Book, Scholarly-New (Published)

Allison, C. C & C++ Code Capsules (0135917859th ed.). Prentice Hall.

Book, Scholarly-New (Published)

Eckel, B., Allison, C. *Thinking in C++, Volume 2: Practical Programming*. Prentice Hall.

Chen, Xi

Conference Proceeding (Published)

Chen, X., Liang, J. (2023). *Teaching Graph Algorithms Using Tower of Hanoi and Its Variants* (vol. 2, pp. 1407). New York, NY: SIGCSE 2023: Proceedings of the 54th ACM Technical Symposium on Computer Science Education.

Das, Saikat

Conference Proceeding (Published)

Das, R. R., Krishnamurthy, B., Das, S. (2023). *Securing IoT devices using Ensemble Machine Learning in Smart Home Management System* (pp. 915-922). Singapore City: IEEE.

Conference Proceeding (Published)

Krishnamurthy, B., Shiva, S. G., Das, S. (2022). *MVE-based Reinforcement Learning Framework with Explainability for improving Quality of Experience of Application Placement in Fog Computing* (pp. 084-090). Seattle, WA: IEEE.

Harrison, Neil B.

Conference Proceeding (Published)

Harrison, N., Rudolph, G., Tang, J. (.), Thackeray, L., Wagstaff, D. (2023). In IEEE (Ed.), *Capturing notable architectural decisions* (pp. 179-182). 0th International Conference on Software Architecture, ICSA 2023 - Companion, L'Aquila, Italy, March 13-17, 2023..

Jalal, Ahmed H.

Book, Chapter in Scholarly Book-New (Published)

Jalal, A. H. (2023). In Arif I. Sarwat, Asadullah Khalid, Ahmed Hasnain Jalal (Ed.), *Sizing and lifecycle assessment of electrochemical batteries for electric vehicles and renewable energy storage systems* (pp. 1-34). London: IntechOpen.

Journal Article, Academic Journal (Published)

Ahmed, M. A., Zhang, Z., Ramamoorthy, V., Saxena, A., Rubens, M., Appunni, S., McGranaghan, P., Jalal, A., Veledar, E. (2023). Difference in 30-day readmission rates after laparoscopic sleeve gastrectomy versus laparoscopic Roux-en-Y gastric bypass: a propensity score matched study using ACS NSQIP Data (2015-2019). *Obesity Surgery*, 33(4), 1040–1048.

Kuo, Rita

Conference Proceeding (Published)

Krahn, T., Kuo, R., Chang, M. In Claude Frasson, Phivos Mylonas, Christos Troussas (Ed.), *Personalized Study Guide: A Moodle Plug-in Generating Personal Learning Path for Students* (vol. 13891, pp. 333-341). Cham: Lecture Notes in Computer Science.

Conference Proceeding (Published)

Kuo, R., Iriarte, M. F., Zou, D., Chang, M. In Claude Frasson, Phivos Mylonas, Christos Troussas (Ed.), *Preliminary Performance Assessment on Ask4Summary's Reading Methods for Summary Generation* (vol. 13891, pp. 630-637). Cham: Lecture Notes in Computer Science.

Parvez, Imtiaz

Journal Article, Professional Journal (Published)

Riggs, H., Tufail, S., Parvez, I., Tariq, M., Khan, M. A., Amir, A., Vuda, K. V., Sarwat, A. (2023). Impact, Vulnerabilities, and Mitigation Strategies for Cyber-Secure Critical Infrastructure. *Sensors*, 8: 4060.

Conference Proceeding (Published)

Leon, L., Contreras, N., Polanco, F., Fentry, E., Sajal, S., Parvez, I. (2023). *A Skin Sensor for Epileptic Seizure Detection and Notification Applications* (pp. 118-125). IEEE SoutheastCon 2023.

Conference Proceeding (Published)

Parvez, I., Leon, L., Contreras, N., Polanco, F., Fentry, E., Sajal, S. (2023). *CO2 Emission Forecasting for Living Standards in Smart Cities* (pp. 87-192). IEEE SoutheastCon 2023.

Conference Proceeding (Published)

Debnath, A., Roy, S., Olowu, T., Parvez, I., Sarwat, A. (2022). *A Unified Controller for Hybrid PV-Battery system with DC Microgrid Voltage Regulation in Grid-connected and Islanding-mode* (pp. 1-6). 2022 IEEE Industry Applications Society Annual Meeting (IAS).

Research Report (Published)

Riggs, H., Tufail, S., Parvez, I., Tariq, M., Khan, M. A., Amir, A., Vuda, K. V., Sarwat, A. (2023). *Types of Cyber Attacks on Critical Infrastructure* (43800 th ed.). Encyclopedia.

Rudolph, George

Conference Proceeding (Published)

Harrison, N., Rudolph, G., Tang, J. (., Thackeray, L., Wagstaff, D. (2023). In IEEE (Ed.), *Capturing notable architectural decisions* (pp. 179-182). 0th International Conference on Software Architecture, ICSA 2023 - Companion, L'Aquila, Italy, March 13-17, 2023.

Sajal, Sayeed

Conference Proceeding (Published)

Leon, L., Contreras, N., Polanco, F., Fentry, E., Sajal, S., Parvez, I. (2023). *A Skin Sensor for Epileptic Seizure Detection and Notification Applications* (pp. 118-125). IEEE SoutheastCon 2023.

Conference Proceeding (Published)

Parvez, I., Leon, L., Contreras, N., Polanco, F., Fentry, E., Sajal, S. (2023). *CO2 Emission Forecasting for Living Standards in Smart Cities* (pp. 87-192). IEEE SoutheastCon 2023.

Conference Proceeding (Published)

Sajal, S., Nieman, K. *A Comparative Analysis on Load Balancing and gRPC Microservices in Kubernetes*. Provo, UT: IEEE.

Conference Proceeding (Published)

Corbett, M., Sajal, S. *AI in Cybersecurity*. Provo, UT: IEEE.

Conference Proceeding (Published)

Nielson, K., Sajal, S. *Art of RFID Hacking*. Provo, UT: IEEE.

Conference Proceeding (Published)

Kalubi, N., Sajal, S. (2022). *Cloud Computing: Arduino Cloud IoT Integration with REST API*. Mankato, MN: IEEE Xplore.

Conference Proceeding (Published)

Lauder, J., Sajal, S. (2022). *Jaxium: A Trusted Social Network with Maximum Privacy*. Mankato, MN: IEEE Xplore.

Conference Proceeding (Published)

Kuttler, R., Sajal, S. (2022). *Low-cost Subscription-less Home Security System*. Mankato, MN: IEEE Xplore.

Tang, Jingpeng (JP)

Conference Proceeding (Published)

Harrison, N., Rudolph, G., Tang, J. (., Thackeray, L., Wagstaff, D. (2023). In IEEE (Ed.), *Capturing notable architectural decisions* (pp. 179-182). 0th International Conference on Software Architecture, ICSA 2023 - Companion, L'Aquila, Italy, March 13-17, 2023..

Conference Proceeding (Published)

Xu, W., Tang, J. (. (2023). *Vulnerability of Prime Based Cryptosystem*. Provo: ntermountain Engineering, Technology, and Computing Conference (i-ETC).

Thackeray, Lynn R.

Conference Proceeding (Published)

Harrison, N., Rudolph, G., Tang, J. (., Thackeray, L., Wagstaff, D. (2023). In IEEE (Ed.), *Capturing notable architectural decisions* (pp. 179-182). 0th International Conference on Software Architecture, ICSA 2023 - Companion, L'Aquila, Italy, March 13-17, 2023.

Wagstaff, David

Conference Proceeding (Published)

Harrison, N., Rudolph, G., Tang, J. (., Thackeray, L., Wagstaff, D. (2023). In IEEE (Ed.), *Capturing notable architectural decisions* (pp. 179-182). 0th International Conference on Software Architecture, ICSA 2023 - Companion, L'Aquila, Italy, March 13-17, 2023.

Zeng, Larry

Journal Article, Academic Journal (Published)

Zeng, L. (2023). Sinogram Interpolation Inspired by Single-Image Super Resolution. *Journal of Biotechnology and its Applications*.

Journal Article, Academic Journal (Published)

Zeng, L. (2022). Development of a solvability map. *Medical Research Archives*, 10(11), Online.

Journal Article, Academic Journal (Published)

Zeng, L. (2022). Filtered back-projection reconstruction with non-uniformly under-sampled projections. *Archives in Biomedical Engineering & Biotechnology*, 7(1).

Journal Article, Academic Journal (Published)

Zeng, L. (2022). Human-designed filters may outperform machine-learned filters. *Archives in Biomedical Engineering & Biotechnology*, 7(1).

Journal Article, Academic Journal (Published)

Zeng, L. (2022). Directly filtering the sparse-view CT images by BM3D. *SL Clinical Medicine: Research*, 5(1), 126.

Continuing Ed Non-Credit

Capener, Don

Journal Article, Academic Journal (Published)

Chen, Y., Capener, D., Valenzuela, E. (2023). Valuation effects of earnings management on hotel firm value. *The American Journal of Economics and Sociology*.

Criminal Justice/Law Enforce

Houghton, Amie

Book, Chapter in Textbook-Revised (Published)

Houghton, A. (2023). In Max M. Houck (Ed.), *Recovery of Human Remains* (Third Edition ed., vol. 4, pp. 352–375). Encyclopedia of Forensic Sciences/Oxford: Elsevier.

Rudd, Jonathan L.

Podcast (Published)

Rudd, J. L., Vogel, R., McDonald, I. (2023). *W0LV3R1NES: Competing in the Atlantic Council's Cyber 9/12 Strategy Challenge with Maggie Hutchens and Ethan Morse* (6th ed., vol. 3, pp. 23:04 minutes). Orem, Utah: In the Interest of National Security (IINS) / Apple Podcasts, Spotify, Amazon Music, and Google Podcasts.

Podcast (Published)

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Culinary Arts Institute

Francom, Kenneth J.

Recipe

Francom, K., Barerra, J. *Beef Bulgogi Canape.*

Recipe

Francom, K., Monterroso, A. *Cauliflower Mini Pizza.*

Recipe

Francom, K., Coleman, V. *Chicken Caesar Crisp.*

Recipe

Francom, K., Owens, C. *Espresso Onion Crostini.*

Recipe

Francom, K., Brown, K. *Greek Gyro.*

Recipe

Francom, K., Davis, R. *Loaded Potato Bite.*

Recipe

Francom, K., Lund, A. *Pesto Bruschetta.*

Recipe

Francom, K., Ivers, T. *Pineapple Crisp.*

Recipe

Francom, K., Gale, B. *SweetFire Wonton Crisp.*

Recipe

Francom, K., Briggs, I. *Blue Fig Endive.*

Recipe

Francom, K., Higgs, W. *Ramen Devilled Eggs.*

Recipe

Francom, K., Cardoza, K. *Sweet BBQ Dumpling Crunch.*

Recipe

Francom, K., Ledesma, J. *Thanksgiving Sandwich.*

Recipe

Francom, K., Meik, A. *Tiny Torta.*

Recipe

Francom, K., Diaz, S. *Bussin' Belise Chicken Bites.*

Recipe

Francom, K., Hole, X. *Chicken Cordon Bleu Bites.*

Recipe

Francom, K., Gammon, T. *Ham Puffs.*

Recipe

Francom, K., Peterson, C. *Mini Street Taco.*

Earth Sciences

Bunds, Michael

Journal Article, Academic Journal (Published)

DuRoss, C. B., Gold, R. D., Hatem, A. E., Elliott, A. E., Delano, J., Medina-Cascales, I., Gray, H., Mahan, S., Micovich, S., Lifton, Z., Kleber, E., McDonald, G., Hiscock, A., Bunds, M., Reitman, N. (2022). How Similar was the 1983 Mw 6.9 Borah Peak earthquake to its surface-faulting predecessors along the northern Lost River fault zone (Idaho, USA)? *Geological Society of America Bulletin.*

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Emerman, Steven

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Manuscript (Published)

Emerman, S., Kemp, T.L., Anderson, R.B., Van Wagnor, M.E. *Groundwater recharge by glacial lakes in the Wasatch Range and Uinta Mountains, Utah: Intended for Rocky Mountain Geology*.

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Disney, Andria

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Broome, Rodger

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Fisher, John R.

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Amin, Masood

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Ballard, Matthew

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Al-Nsour, Rawan

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Cammack, Zan

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Secondary Education

Crandall, Kalee

Journal Article, Academic Journal (Published)

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Journal Article, Academic Journal (Published)

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Strategic Management and Operations

Caliskan Ph.D., Cenk

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Griffin, Brandon

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Hamidi, Mohsen

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Student Leadership and Success

Borns, Renee'

Assessment

Borns, R. *Assessing use of announcements in an online course.*

Haug-Belvin, Theresa

Regular Column in Journal or Newspaper (Published)

Haug-Belvin, T. (2022). Student Leadership and Success Studies at UVU. *UVU Review*.

Johnson, Benjamin

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Journal Article, Academic Journal (Published)

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Technology Management

Ilikchyan, Armen

Journal Article, Academic Journal (Published)

Laricheva, E., Ilikchyan, A. (2023). Exploring the Effect of Virtual Reality on Learning in General Chemistry Students with Low Visual-Spatial Skills. *Journal of Chemical Education*.

Theatrical Arts Stage Screen

Hall, Lisa

Play

Hall, L. *Dorian*.

- This is an original, gender-flipped stage adaptation of Oscar Wilde's *The Picture of Dorian Gray*.

Play

Hall, L. *Machinal*.

- This is a contemporary adaptation of Sophie Treadwell's *Machinal*, which will be premiered at UVU in Fall 23.

Play

Hall, L. *The Fossil Record*.

- This play, premiered by AOTC, tells the story of deep family secrets and scars.

Uncategorized Department

Ah You, Phil

Book Review (Published)

Testing-Only, T., Ah You, P., Stone, K. *Generic User Accounts and Network Security*.

Solo piece for Clarinet

Testing-Only, T., Ah You, P. *Matt's Piece*.

Macdonald, Spencer

Legal Writing Resulting in a Published Decision (Published)

Macdonald, S. *Andersen v. Homecomings Fin., LLC, 2011 U.S. Dist. LEXIS 65897 (D. Utah June 20, 2011) (Relevant Filing(s): Memorandum in Support of Motion to Dismiss and Memorandum in Opposition to Motion for Injunctive Relief, Sanctions and Remand.*

Slack, Jason V.

(Published)

Slack, J., Jensen, D., Denney, P., Bohne, M. *The Effects of Different Backpacks and Selected Gait Parameters*. *Journal of Undergraduate Kinesiology Research*.