

# COURTNEY DAUM

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## EDUCATION

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### Bachelor of Science in Psychology, with Departmental Honors

University of Oregon — Eugene, Oregon

September 2014 – June 2018

Major: Psychology, with Department Honors

Minors: Ethics (Philosophy); Art

Cumulative GPA: 3.73

Major GPA: 3.66

- ◆ Dean's List - Winter 2016, GPA 3.75; Spring 2016, GPA 4.0; Winter 2017, GPA 3.97
- ◆ Honors Thesis - *The Origins of Empathy During Infancy: Links to Theory of Mind and Empathic Prosocial Behavior at 5*. Supervisors: Jennifer Ablow, PhD & Jeffrey Measelle, PhD
- ◆ Relevant Coursework -
  - Theory: Introduction to Animal Behavior, Mind & Brain, Mind & Society, Evolution of Human Sexuality, Internet, Society, and Philosophy, Love & Sex, Ethics, Introduction to Human Genetics, Child Development, Learning & Memory, Introduction to Human Physiology, Cultural Psychology, Development & Psychopathology, Psychopathology, Cognitive Development, Attachment Theory
  - Research: Statistical Methodology Psychology, Research Methodology Psychology, Applied Data Analysis (Honors), Honors in Psychology Hours, Honors Thesis Hours, Practicum Hours, Research Hours

### High School Diploma

Campolindo High School — Moraga, California

August 2010 – June 2014

## PUBLICATIONS

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Daum, C., Singer, J., Himes, K., McLean, E., King, S., Lostutter, T.W., Fann, J.R., Brechbiel, J.K., Bates, N.E., Sofie, K., Lavell, L., Cruz, J., Hnida, J., Loggers, E. T. [Submitted]. Mental health conditions and psychiatric evaluations of cancer patients pursuing medical aid in dying.

Daum, C., Singer, J., Lostutter, T.W., Fann, J.R., Brechbiel, J.K., Bates, N.E., Lavell, L., Hnida, J., Sophie, K., King, S., Loggers, E.T. [Under Review]. Psychiatric evaluations for medical aid in dying: considerations for future legislation and research.

Singer, J., Daum C, Evans, A., Schneider, S., Vugrin, M., Loggers, E. T. (2023). An examination and proposed theoretical model of risk and protective factors for bereavement outcomes for family members of individuals who engaged in medical aid in dying: a systematic review. *Palliative Medicine*. 37(7):947-958. doi:10.1177/02692163231172242. Impact Factor 2023: 5.713

Singer, J., Daum, C., Shen, M.J., Zecha, G., Kaplan, L., Plakovic, K., Blazey, M., Arnold, M., Silko, B., Baker, K., Loggers, E.T. (2022). Assessment of oncology advanced practice professional willingness to participate in medical aid in dying. *JAMA Network Open*. 3;5(10):e2239068. doi: 10.1001/jamanetworkopen.2022.39068. Impact Factor 2023: 13.35

## RESEARCH EXPERIENCE

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### Clinical Research Coordinator – *Palliative Medicine, Loggers Lab*

Fred Hutchinson Cancer Center — Seattle, Washington

April 2020 - Present

**Principal Investigators:** Elizabeth Loggers, PhD MD

**Tools & Systems:** REDCap, Microsoft Applications, OnCore Management, IRB management systems, SAS, ArcGIS

**Research Topics:** Conducting longitudinal and cross-sectional research on dyadic psychosocial outcomes, including bereavement & pre-loss grief; Patient, caregiver, and healthcare provider perceptions of and usage of Aid in Dying/Death with Dignity; Patients with sarcomas and their caregivers' biopsychosocial outcomes.

- ◆ Developing, maintaining, and updating all study materials (e.g. protocol, consent, recruitment materials, training manuals, data collection materials) for a multitude of studies including retrospective data reviews, cross-sectional, ecological momentary assessments (EMA), and multi-timepoint, longitudinal studies.
  - Collaborating with field experts in creation of data collection materials observing bereavement and pre-loss grief outcomes, end-of-life issues for patients and caregivers, and healthcare providers' (e.g. MDs, DOs, ARNPs, PAs, SWs, RPhs) knowledge and comfort with end-of-life procedures.
- ◆ Managing lab-wide data collection and analysis in REDCap and Excel.
  - Conceptualizing and crafting data collection materials, including surveys (validated and piloted), timepoint structures, data dictionaries, and data coding mechanisms.
  - Creating, maintaining, and cleaning active and historic databases, including study tracking from screening to study closure.
  - Training study team members (e.g., PIs, medical students, RAs, interns) on potential participant enrollment (e.g. screening, recruitment, consent, study tracking) and data collection methodologies (e.g., chart review, survey interview).
  - Working directly with biostatisticians in creating tables and data coding systems for inferential analysis.
  - Conducting preliminary analysis (e.g., descriptives, frequencies, t-tests, chi-squares).
- ◆ Performing regulatory management (e.g., initial applications and continuing IRB reviews, Oncore Management, within and across project tracking) for 20+ active studies.
  - Submitting and maintaining studies in multiple IRBs (i.e. academic, governmental, institutional)
- ◆ Writing, editing, presenting, and collaborating on peer-reviewed manuscripts, grants, and presentations.
  - Mentoring interns and medical students on poster and manuscript production.
- ◆ Partnering with research institutions, governmental bodies and non-profit, advocacy groups to conduct end-of-life research.

### **Research Coordinator – *Grief and Response to Illness into Late Life Lab***

Affiliate at Texas Tech University – Lubbock, Texas

January 2021 - Present

**Principal Investigators:** Jonathan Singer, PhD

**Tools & Systems:** REDCap, Microsoft Applications

**Research Topics:** Research utilizing ecological momentary assessments (EMA) to observe dyadic trajectories of pre-loss grief of those with metastatic rare cancer; Patient outcomes of those who inquire about Medical Aid in Dying/Death with Dignity

- ◆ Training study team members (e.g. post-bac and undergraduate research assistants, interns) on end-of-life options logistics, participant enrollment (e.g. screening, recruitment, consent, study tracking) and data collection methodologies
  - Leading meetings with research assistants and interns covering education on Medical Aid in Dying/Death with Dignity, recruitment and data collection methodologies, retraining/ accuracy checks, and career mentorship.
- ◆ Building EMA data collection structures in REDCap, including creation of foundational survey send-out logic, survey reminder scripts, and within survey logic.
  - Troubleshooting EMA send-out and data collection for patients and caregivers enrolled in dyadic coping studies.
  - Running completion frequencies and assessing feasibility within an end-of-life population.
- ◆ Working with biostatisticians in translation of quantitative and qualitative data from chart review data to multi-timepoint, longitudinal surveys.

## **Project Coordinator; Development Manager – *Birth Your Way***

Center for Translational Neuroscience — Eugene, Oregon

January 2017 - March 2020

**Principal Investigators:** Elliot Berkman, PhD & April Lightcap, PhD

**Tools & Systems:** Qualtrics, SPSS, Microsoft Applications, Google Applications

**Research Topics:** Investigating efficacy of randomized control trial (RCT) of group-based & mobile dissemination of Acceptance and Commitment Therapy-based birth class for high-risk, third trimester mothers who utilize services at Women, Infants, and Children; Community-based participatory research.

- ◆ Recruiting, interviewing, and on-boarding of undergraduate and post-baccalaureate research assistants.
- ◆ Leading weekly lab meetings with all study team members, conducting bi-weekly 1:1 meetings with research assistants and with PIs.
- ◆ Conceptualizing and executing methodologies for participant recruitment and retainment.
  - Training RAs in recruitment, follow-up, and data collection of research participants.
  - Performing participant retention via follow-up and crisis troubleshooting.
- ◆ Managing lab-wide data collection and analysis of RCT respondent data.
  - Creating, maintaining, and cleaning of databases. Training research assistants in cleaning and analyzing of data.
  - Leading transfer of historic physical data into digital preservation.
  - Conducting preliminary analysis (e.g., descriptives, frequencies, t-tests, chi-squares) in SPSS.
- ◆ Writing and editing NIH-funded U01 grant submission materials.

## **Research Assistant - *Developmental Sociobiology Lab***

University of Oregon — Eugene, Oregon

January 2017 - November 2018

**Principal Investigators:** Jennifer Ablow, PhD & Jeffery Measelle, PhD

**Tools & Systems:** SPSS, Noldus, Microsoft Applications, Google Applications

**Research Topics:** Research routed in attachment theory, utilizing Still Face Paradigm, and the Strange Situation experimentation; Investigating prosocial behaviors social origins through observational, longitudinal methodologies.

- ◆ Completing an Honors Thesis that included cleaning historic data, conducting inferential analysis in SPSS, manuscript development and submission, and formal presentation.
- ◆ Creating behavioral coding mechanisms in Noldus for video-recorded observations between child (~17 months) and parent (i.e. mother, >18 years old) during the Still Face Paradigm .
- ◆ Coded and cleaned behavioral observation, quantitative and qualitative survey, and physiological data. Translation of physical copies to digital data storage and preparation for analysis.
- ◆ Presenting research posters at conferences to multi-disciplinary audiences working with children under 5.

## **Research Assistant - *Brain Development Lab***

University of Oregon — Eugene, Oregon

April 2016 - June 2018

**Principal Investigators:** Helen Neville, PhD & Eric Pakulak, PhD

**Tools & Systems:** EEG Application & Troubleshooting, Blood and Saliva Collection; MATLAB

**Research Topics:** Behavioral, neurological, and biological learning and memory differences of English-speaking and Spanish-speaking children (4-7 years old) and their parents (>18 years older) who participate in HeadStart; investigating aforementioned dimensions of learning and memory in the general, adult population.

- ◆ Performing 64-channel (adult) and 32-channel (child) EEG application, collection, troubleshooting, and clean-up; collection and clean-up of saliva via vial and blood via blood spot
- ◆ Leading active experimentation: describing research procedures to participants (child and adult), obtaining consent and baseline socio-demographics, completing event-related potential experimentation, and distributing payment to participants. Tracking and filing of all research respondent materials.
- ◆ Collaborating with a multi-disciplinary, bilingual team guiding Spanish-speaking children and their families through 3-hour EEG experimentation.

## **Research Assistant - *Memory, Attention, and Individual Differences Lab***

University of Oregon — Eugene, Oregon

October 2015 - March 2016

Principal Investigator: Nash Unsworth, PhD

**Tools & Systems:** Eyetracker, Google Applications

**Research Topics:** Experimental study of individual differences of basic memory and attention processes, and their impact on higher-order cognition; Understanding search and retrieval approaches in memory recall.

- ◆ Guiding participants (adults, >18 years old) through computer-based memory tasks; troubleshooting tasks when issues arose.
- ◆ Running Eye Tracker system for participants including set-up, giving instruction, and troubleshooting
- ◆ Collecting socio-demographics and entering their data into digital databases.

## **BEHAVIORAL HEALTH EXPERIENCE**

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### **Behavioral Education Assistant**

The Child Center — Springfield, Oregon

May 2018 - June 2019

Supervisor: Lori Chaffin-Britt, LMSW

- ◆ Performing daily crisis intervention and trauma-informed, evidence-based behavioral interventions in a psychiatric, day-treatment classroom with children (5-12 years old) with diagnoses of mental disorders, congenital disorders, and developmental disabilities that have experienced trauma and abuse.
- ◆ Documenting daily, clinical notes per client, ~10 clients. Tracking externalizing behaviors and behaviors concerning for serious medication reactions/interactions.
- ◆ Collaborating with a multi-disciplinary team (e.g. teacher, therapist) to fulfil educational requirements and therapeutic needs, including pre- and post- clinical-hour debriefings.
- ◆ Communicating, independently or collectively, with family members, local community partners (i.e. Wrap Around facilitators, child protective services), public education administrators, and teachers.

### **Volunteer Advocate**

KIDS FIRST — Eugene, Oregon

February 2017 – July 2017

Supervisor: Emily Hough, BS

- ◆ Guiding children (<18) and their caregivers (e.g. family members or child protective service representatives), who are victims or witnesses to crime (e.g. sex abuse, physical abuse), through the process of forensic interviewing.
- ◆ Providing crisis intervention to caregivers while their child completes the forensic interview.
- ◆ Acting as a liaison between families, Department of Human Services representatives, case managers, law enforcement, jurors, and district attorneys.

## **ADDITIONAL EXPERIENCE**

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### **Peer Notetaker**

Accessible Education Center at University of Oregon — Eugene, Oregon

March 2017 – March 2018

Supervisor: Jeff Larson, MA

- ◆ Transcribing, summarizing, and editing typed notes of class lessons (50 minutes to 2 hours) for students who utilize the Accessible Education Center.
- ◆ Communicating with students on requirements and preferences for note style, communicating with lecturers on presence within the classroom whilst maintaining student confidentiality.

## **PUBLICATIONS IN PROGRESS**

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Singer, J., **Daum, C.**, Lavell, L., Cruz, J., Hnida, J., Sofie, K., King, S., Urban, R., Coveler, A., Rodriguez, C.P., Graber, J., Taylor, L., Uy, N., Littlefield, L., McLean, E., Himes, K., Loggers, E. T. [In Development] Barriers to utilizing medical aid in dying for terminally ill cancer patients in Washington state.

Uy, N., Rodriguez, C.P., **Daum, C.**, Baker, K., Singer, J., Hnida, J., Lavell, L., Sofie, K., Cruz, J., Eaton, K., Santana-Davilla, R., Loggers, E.T. [In Development] Medical-aid-in-dying utilization among patients with thoracic, head, and neck cancer.

**Daum, C.**, Singer, J., Schneider, S., Shen, M., Loggers, E. T. [In Development] Attachment anxiety and avoidance patterns correlate with dyadic coping communication between metastatic, sarcoma cancer patients and their caregivers.

Givens, M., Singer, J., **Daum, C.**, Arnold, J., LaFrance, R., Loggers, E.T. [In Development]. Willingness and knowledge of Washington state pharmacists to participate in medical aid in dying.

## SCIENTIFIC TALKS

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Chandler, C., Ikezogwo, W., Gandhi, J., Garcia, A., **Daum, C.**, Loggers, E. T., Shapiro, L., Mantilla, J., Bandhlish A., Ricciotti, R. (2023, Mar. 11<sup>th</sup> – 16<sup>th</sup>). *Risk stratification of solitary fibrous tumor using whole slide image analysis with a convolutional neural network*. Ricciotti, R. (chair), Bone and Soft Tissue Pathology. [Symposium]. United States and Canadian Academy of Pathology 112<sup>th</sup> Annual Meeting, New Orleans, LA, United States

**Daum, C.**, Loggers, E.T. (2022, Nov. 17<sup>th</sup> – 20<sup>th</sup>). *Mental health conditions and psychiatric evaluations in terminal cancer patients pursuing death with dignity*. Singer, J. (chair), Understanding the Role of Stigma on Utilization of Medical Aid in Dying: An Examination of Current Literature, Public View, Patients' Engagement, and Clinicians' View on Prescribing. [Symposium]. Association for Behavioral and Cognitive Therapies 56<sup>th</sup> Annual Convention, New York, NY, United States

## ABSTRACT PUBLICATIONS

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**Daum, C.**, Singer, J., Schneider, S., Shen, M. J., Loggers, E. T. (2023). *Attachment avoidance and anxiety impacting dyadic coping and communication in patients with metastatic sarcoma and their family caregivers* [Published Abstract] *J Clin Oncol.* 41, 2023 (suppl 16; abstr e24002) doi: 10.1200/JCO.2023.41.16\_suppl.e24002

Singer, J., **Daum, C.**, Baker, K. K., Uy, N.F., McLean, E., Boekankamp, D., Lavell, L., Hnida, J., Sofie, K., Cruz, J., Graber, J. J., King S. D. W., Urban, R. R., Taylor, L. P., Rodriguez, C. P., Shen, M. J., Loggers, E. T. (2022) *Use of medical aid in dying by individuals with cancer at a comprehensive cancer center*. [Published Abstract] *J Clin Oncol.* 40, 2022 (16\_suppl, abstr e24073) doi: 10.1200/JCO.2022.40.16\_suppl.e24073

## POSTER PRESENTATIONS

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Turner, C., Singer, J., **Daum, C.**, Himes, C.P., Elliott, L., Caldwell, D., Lavell, L., Armstrong, A. A., Hnida, J., Cruz, J., Loggers, E. T. (2023, Jun. 2<sup>nd</sup> – 6<sup>th</sup>). *Psychosocial health of patients engaging in medical aid in dying and their family members: a prospective descriptive analysis* [Poster presentation]. American Society of Clinical Oncology, Chicago, IL, United States.

Uy, N.F., Rodriguez, C.P., **Daum, C.**, Baker, K.K., Singer, J., Hnida, J., Lavell, L., Sofie, K., Cruz, J., Eaton, K.D., Santana-Davila, R., Loggers, E.T. (2022, Jun. 3<sup>rd</sup> – 7<sup>th</sup>) *Death with dignity utilization among patients with thoracic, head, and neck cancer* [Poster presentation]. American Society of Clinical Oncology, Chicago, IL, United States.

Singer, J., Daum, C., Zecha, G., Kaplan, L., Plakovic, K., Blazey, M., Arnold, M., Silko, B., Baker, K., Loggers, E.T. (2022, Feb 8<sup>th</sup> – 15<sup>th</sup>). *Examining willingness and knowledge of death with dignity in advanced practice providers in Washington state*. [Conference Oral RAPID Poster]. American Academy of Hospice and Palliative Medicine. Nashville, TN, United States.

Daum, C., Measelle, J., Hansberry, H., & Ablow, J. (2018, Oct. 3 – 5<sup>th</sup>). *Empathy in infancy: Links to infant sex, attachment security, and empathic prosocial behavior at 5* [Poster presentation]. ZERO to THREE Annual Conference, Denver, CO, United States.

Daum, C., Measelle, J., Hansberry, H., & Ablow, J. (2018, Jun. 30<sup>th</sup> – Jul 3<sup>rd</sup>). *Infants' empathic behavior & attachment predicts prosocial outcomes at 5 years* [Poster presentation]. XXI International Congress of Infant Studies Biennial Conference, Philadelphia, PA, United States.

Daum, C., Measelle, J., Hansberry, H., & Ablow, J. (2018, Jun. 1) *The origins of empathy during infancy: Links to theory of mind and empathic prosocial behavior at 5* [Poster presentation]. Honors' in Psychology Thesis Presentation, Eugene, OR, United States.

Daum, C., Measelle, J., Hansberry, H., & Ablow, J. (2018, May 7<sup>th</sup>). *The origins of empathy during infancy: Links to theory of mind and empathic prosocial behavior at 5* [Poster presentation]. Undergraduate Research Symposium, Eugene, OR, United States.

## AWARDS

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### Conference Travel Award

Center for Undergraduate Research & Engagement at University of Oregon — Eugene, Oregon

- ◆ Award of \$500 to attend XXI International Congress of Infant Studies Biennial Conference from June 30<sup>th</sup>, 2018 to July 3<sup>rd</sup> 2018 in Philadelphia, Pennsylvania to present the poster titled: *Infants' empathic behavior & attachment predicts prosocial outcomes at 5 years*.

## AFFILIATIONS

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### National Society of Collegiate Scholars

- ◆ Member since April 2015

### *Psi Chi* International Honors Society in Psychology

- ◆ Member since January 2018

## REFERENCES

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### Elizabeth Loggers, MD PhD

- ◆ Phone: (206) 667-7442
- ◆ Email: [elloggers@fredhutch.org](mailto:elloggers@fredhutch.org)

### Jonathan Singer, PhD

- ◆ Phone: (806) 834-5884
- ◆ Email: [jonsinge@ttu.edu](mailto:jonsinge@ttu.edu)

### April Lightcap, PhD

- ◆ Phone: (541) 359-4386

- ◆ Email: [lightcap.april@gmail.com](mailto:lightcap.april@gmail.com)

Elliot Berkman, PhD

- ◆ Phone: (541) 346-4909
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## PERSONAL LINKS

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ResearchGate: <https://www.researchgate.net/scientific-contributions/Courtney-Daum-2221613772>

Google Scholar: <https://scholar.google.com/citations?user=IcN6nd8AAAAJ&hl=en>