

EVAN D. CRAFT

Yale University
217 Prospect Street
New Haven, CT 06511

evan.craft@yale.edu
evancraft.github.io

EDUCATION

2021–	Ph.D., Yale University , Particle Theory Advisor: Ian Moulton, Expected June 2026
2016-2019	A.B., Dartmouth College , Mathematics & Physics

PROFESSIONAL EXPERIENCE

2021	Yale University, Wright Laboratory Research Assistant on ALICE (Advisor: Helen Caines)
2020–2021	Harvard University, Department of Physics Research Assistant on ATLAS (Advisor: Melissa Franklin)

RESEARCH INTERESTS

Jet Substructure, Color Confinement, Heavy Flavor, & Hadronization

HONORS AND AWARDS

2024	Graduate Student Poster Prize, Yale University Poster Entitled: <i>Particle and Nuclear Theory at Yale</i>
2022	Graduate Student Poster Prize, Yale University Poster Entitled: <i>An Introduction to Nuclear and Particle Physics</i>
2022	Honors in Graduate Research, Yale University <i>Awarded for Nuclear Physics Research</i>
2021	Honors in Graduate Coursework, Yale University <i>Awarded in Advanced Classical Mechanics</i>
2016–2019	Two Academic Citations for Meritorious Performance, Dartmouth College <i>Awarded in Particle Physics and separately in Statistical Physics</i>

PUBLICATIONS

- [2] [E. Craft](#), M. Gonzalez, K. Lee, B. Meçaj, I. Moulton. *The $1 \rightarrow 3$ Massive Splitting Functions from QCD Factorization and SCET*, arXiv:2310.06736 (2023).
- [1] [E. Craft](#), K. Lee, B. Meçaj, I. Moulton. *Beautiful and Charming Energy Correlators*, arXiv:2210.09311 (2022).

TEACHING EXPERIENCE

	Teaching Fellow, Yale University
Spr. 2024	Phys 441: Quantum Mechanics II
Fall 2023	Phys 609: Graduate Quantum Field Theory I
Spr. 2023	Phys 512: Graduate Statistical Physics I
Fall 2022	Phys 609: Graduate Quantum Field Theory I
Spr. 2022	Phys 181: University Physics II: Electricity and Magnetism
Fall 2021	Phys 180: University Physics I: Classical Mechanics
	Teaching Fellow, Dartmouth College
Spr. 2018	Phys 3: General Physics II: Electricity and Magnetism

TALKS AND SEMINARS

2024	PITT, DPF-Pheno , Pittsburgh, PA
2023	UC Berkeley, BOOST , Berkeley, CA
2022	Yale University, WIDG Seminar , New Haven, CT

SYNERGISTIC ACTIVITIES

Su. 2023–	Yale Physics Bootcamp for Incoming Graduate Students Instructor for Classical Mechanics
2022–	Yale Mentorship for Minority Students in STEM (YMMSS) Aaron Chizhik, undergraduate physics major, Yale
Su. 2022	Co-Led "What's Inside the Proton" Nuclear Structure Workshop Yale Pathways to Science: Summer Scholars Program, K-12

PROFESSIONAL AND ACADEMIC REFERENCES

Prof. Ian Moult

Yale University, Department of Physics
217 Prospect Street, New Haven, CT 06511
ian.moult@yale.edu

Prof. Helen Caines

Yale University, Wright Laboratory
272 Whitney Avenue, New Haven, CT 06511
helen.caines@yale.edu

Prof. Melissa Franklin

Harvard University, Department of Physics
17 Oxford Street, Cambridge, MA 02138
melissafranklin@g.harvard.edu