

Anthony Tenaglier

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Manchester, NH 03104



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Academic Education

Expected Graduation 2028

PhD
National University – Industrial Organization Psychology
Dissertation: *Industrial Organization Flow*

AUG 2016 - AUG 2018

MA
Northcentral University - General Psychology
Social Media and Millennials: The Shallowing Hypothesis

AUG 2005 - MAY 2009

BS
University of Connecticut – Material Science Engineering
HIP Effects on Recycled A356 Alloy

Work/Teaching Experience

May 2024 - Present

Quality Manager
AlCuMet
Londonderry, NH

- Managing team of quality engineers, source inspectors, and MRB technicians
- Performing supplier audit and customer audits
- Implementing principles of flow into daily work habits

AUG 2023 – May 2024

Quality Control Manager
Hitchiner Manufacturing CCO Division
Milford, NH

- Managing team of quality engineers, source inspectors, and MRB technicians
- Performing supplier audit and customer audits
- Implementing principles of flow into daily work habits

JUN 2018 – AUG 2023

Senior Process Engineer (Heat Treat)
Hitchiner Manufacturing US Operations
Milford, NH

- Implemented heat treat for US Operations through purchasing equipment, layout design

- Developed procedures, training programs, pyrometry requirements, surface contamination testing
- Received PWA, PWC, GE Aviation, RR, and Nadcap AC7102, AC7102/S, AC7102/8 approvals
- Summer 2022 guided chemical engineering intern in heat sink project
- Served as Gas Turbine Operations Foundry Engineer (Prior to heat treat)

SEP 2021 to Present

Certified Yoga Teacher

Hampshire Hills, NH Power, Unity, YogaBalance

Various studios in NH

- Yoga teacher focused on well balanced class of yogic philosophy, self help, and proper asana technique
- "Tuesdays with Tony"
- Style inspired by Ashtanga Primary Series for Power Classes

2015 to 2018

Quality Manager/Process Engineer

General Metal Heat Treat

Cleveland, OH

- Successfully implemented AS9100 Rev D for quality management system
- Successfully performed Nadcap audits for AC7102, AC7102/S, AC7102/8, and AC7104
- Performed multiple customer audits and DCMA work
- Managed laboratory and performed metallographic work
- Developed, designed, and reviewed heat treat cycles

2012 to 2015

Quality Engineer/Process Engineer/Area Manager

Republic Steel

Lorain, OH

- Performed metallographic failure analysis
- Quality engineer for the hot rolling mill
- Process engineer for the electric arc furnace installation
- Area manager for the scrap yard

2009 to 2010

Teaching Assistant

University of Connecticut (Physics and IMS departments)

Storrs, CT

- Advisor for senior material science students in multiple Capstone projects related to casting and HIP
- Teaching assistant for undergraduate transport phenomena holding office hours and developing teaching strategy of teach backs
- Newtonian Physics Lab Teaching assistant running the lab, grading homework, and holding office hours

Yoga Education

MAR 2023 Larissa Hall Chakra Yoga Teacher Training
JUL 2022 Mindfulness Certification YogaRenew
APR 2021 to MAY 2021 YogaRenew 200HR
DEC 2021 to JAN 2022 YogaRenew 300HR

General Education

MAY 2025 Flow Performance Coach through Flow Research Collective
JUN 2025 AS9100 Rev D Internal Auditor
OCT 2023 ASM Leadership Training
FEB 2023 to JUN 2023 Asset 360 Lean Six Sigma Black Belt
2023 Introduction to Pyrometry 2 day course
OCT 2022 Investment Casting Institute: Process Control Seminar
DEC 2019 APQP Quality Planning Studio APQP Document Database
OCT 2019 Performance Review Institute Nadcap & Quality for Quality Engineers
AUG 2019 Wonderware North Training
JUN 2019 Ipsen U Furnace Training
2015 ASM Coursework: Heat Treat, Materials in Extreme Environments, Elements of Metallurgy Self Study Course
2015 MTI Academy for Heat Treaters
2015 Introduction to Pyrometry 2 day course
NOV 2011 Peak Potentials Ultimate Internet Boot Camp

Invited Talks

APR 2017	Metallurgical Skills Training for Welders (From a Heat Treater's Perspective) <i>Cleveland Welding Society</i>
SEP 2017	What heat treating can teach you about your quality system <i>ASQ American Society of Quality Cleveland</i>

Workshops

November 17, 2024	Finding Flow in the Yoga Class <i>New Hampshire Power Yoga</i>
May 15, 2022 September 18, 2022 January 15, 2023	Introduction to Yoga Workshops <i>Hampshire Hills Athletic Club</i>

Publications

Magazine

Thermal Processing Magazine: Quality Counts Columnist Writer (September 2020 – Present)

- MAR 15, 2020 The life of a heat treat process engineer
- JUN 15, 2020 The art of heat treat: The framework
- SEP 15, 2020 AMS2750 pyrometry revisions tweak a crucial process

- DEC 15, 2020 "Say what you do, do what you say"
- MAR 15, 2021 Heat treating from the operator's perspective
- MAY 15, 2021 Quality of leadership matters – at all employee levels
- JUL 15, 2021 The paradox of work and happiness
- SEP 10, 2021 It's time to recognize fitness at work
- JAN 15, 2022 Set company goals that engage employees daily
- MAY 15, 2022 The 'why' in heat treating is important to operators
- AUG 15, 2022 The process of problem solving
- DEC 15, 2022 Be attached to process, not results of Nadcap audit
- FEB 15, 2023 Employers need to expand on carrot-stick philosophy
- APR 15, 2023 Developing a 'C'reative culture in heat treat process
- SEP 15, 2023 Transitions and transformations in the workplace
- DEC 15, 2023 Overcoming the knowledge "blind spot"
- MAR 15, 2024 Achieving consistent quality is a slow, steady process
- MAY 15, 2024 The art of leading the heat treat team
- SEP 15, 2024 Working for the business vs. Working on the business
- DEC 15, 2024 Good leaders properly manage from start to finish
- FEB 15, 2025 Friend or work colleague? Can they be both?
- APR 15, 2025 Working with different generations: Communication
- JUL 15, 2025 The Art and Science of Nadcap Audit

Books

Tenaglier, Anthony. (2015, October 15). The Impression of a Good Life: Philosophical Engineering

Tenaglier, Anthony (2023, April). The Impression of a Good Life: Finding Your Song and Dance

Tenaglier, Anthony (2024, May 4). Don't Let Life Pass You By: Win the Game of Work and Play

Podcast

Podcast Work Sucks, But I Like It (2025 to Present)

YouTube

Mountain Minutes (2024 to Present) - 25 subscribers

Research Experience

FEB 2023 to JUN 2023

Black Belt Six Sigma Project

Hitchiner Manufacturing

Milford, NH

Studied effects of process variables on RX (recrystallized grains) in single crystal nickel based super alloy. Determined wax design, shell weight, and casting parameters were significant variables through a DOE performed. Ran visual MSA.

JUN 2009 - MAY 2012

Research Assistant

University of Connecticut

Storrs, CT

Continued research from 2008 summer intern from the conclusion of insufficient diffusion time.

Summer 2008

Summer Intern

Bodycote HIP

Andover, MA

Studied effects of HIP (hot isostatic pressing) on A356 aluminum alloys. Conclusions were diffusion times not significant to break down the deleterious intermetallic beta phase.

2007 to 2008

Undergraduate Assistant

Institute of Material Science at UConn

Storrs, CT

Worked with multiple graduate students performing metallographic work and implementation of laser joining ceramic system.

Certifications/Awards

2024

Nadcap Accreditation Heat Treat AlCuMet

2022

Nadcap Merit Silver Status Heat Treat Hitchiner Manufacturing

2022

Nadcap Merit Gold Status Welding Hitchiner Manufacturing

2018

Honeywell Aerospace Certifications:

HT Steel Alloy & Carbon

HT Nickel Cobalt Alloys

HT Pyrometry Process Planner

HT Titanium Nickel Cobalt & Special Purpose Alloys

Professional Affiliations

OCT 2023 to Present: American Psychology Association Graduate Membership

MAY 2021 to Present: YogaAlliance 500RYT Yoga Teacher

ASM American Society of Materials Lifetime Member

Volunteer Experience

2018 – Present: ASM Northern New England Chapter

2022 to Present: Investment Casting Institute Instructor for Process Control Seminar

2017- 2018: ASM Cleveland Chapter Secretary

APR 2015 to JUN 2018: Co-organizer of The Moral Inquiries with Case Western University philosophy department

AUG 2011 to MAY 2012: Student Association for Graduate Engineers Representative
2009 to 2011: IMS - Institute of Material Science Safety Committee

References
