

JAMES WAIT

jrwait34@gmail.com | 607-353-2100 | Potsdam, NY 13676

Summary

Dedicated Graduate Assistant adept in research and academic publishing demonstrated through history of academic excellence. Quick learning, dedicated, and experienced working within postsecondary research environments. Dedicated to skill development and bringing value to dynamic teams.

Skills

- | | |
|-------------------------------|---|
| • Online Curriculum Interface | • Interpersonal Communication |
| • Lab Testing | • Preparing Samples and Experiments |
| • Data Acquisition | • Quantitative and Qualitative Analysis |
| • Quantitative Research | • Verbal and Written Communication |

Experience

PhD Graduate Assistant | Clarkson University-Potsdam, NY 13676 | 06/2020 - Current

- Assisted teachers with lesson preparation and curriculum implementation.
- Completed daily administrative tasks for professors as directed.
- Assisted with research for academic publications.
- Liaised between professors and students to provide information on subject matter, assignments, and class expectations.
- Oversaw students in group settings and offered academic guidance.
- Analyzed data to assist professors in various projects.
- Educated undergraduates students on laboratory protocols and activities.
- Prepared reports, presentations, and articles using Microsoft Word and PowerPoint.
- Contributed to applied research projects in the nano-tribology field.
- Assigned, accepted, and graded students' work according to processes outlined by professor, department, and university.

Undergraduate Research Assistant | Clarkson University-Potsdam, NY | 08/2019-05/2020

- Executed qualitative and quantitative analysis on a wide range of data.
- Supported principal investigators during research into astronomy and physics.
- Participated in a research project observing RR Lyrae variable star systems.

Education

Clarkson University | Potsdam, NY | 12/2022

Master of Science: Physics

Bachelor of Science: Physics

Accomplishments

- Published First Author Paper: *Environmentally Stable Nanoscale Superlubricity of multi-layered $Ti_3C_2T_x$ MXenes in Carbon* (2023)
- Published Supporting Author: *Direct real-time measurements of superoxide release from skeletal muscles in rat limbs and human blood platelets using an implantable Cytochrome C microbiosensor* in Biosensors and Bioelectronics (2023)
- Oral Presentation at Smart Diaspora 2023 Conference at University of Timisoara, Romania (2023)
- CAMP Conference Poster Presentation hosted by Clarkson University at Corning, NY (2023)
- GRS-Tribology Poster and Oral Presentation at Bates College (2022)
- GRC-Tribology Poster and Oral Presentation at Bates College (2022)
- 3rd Place Winner at Clarkson University's 3MT Competition (2022)
- Multiple Graduate level seminars at Clarkson University (2020 – 2022)
- RAPS Oral Presentation at Clarkson University (2020 – 2022)
- CAMP Conference Poster Presentation hosted by Clarkson University at Alexander Bay, NY (2022)
- Poster Presentation at MXene Conference at Drexel University (2022)
- Received NSF travel granted to attend MXene Conference at Drexel University (2022)
- Published Supporting Author: *From bio-waste to biomaterials: The eggshells of Chinese oak silkworm as templates for SERS-active surfaces* in Chemical Engineering Journal (2021)

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HEALTH

Office of Radiological Health

This is to acknowledge that

JAMES WAIT

License Number: RH-14-24-696

PHYSICS ASSOCIATES

5346 PETERS CREEK RD. NW, ROANOKE, VA 24019

*has been approved to conduct the following type(s) of inspections
within the Commonwealth of Virginia*

Bone Density, Chiropractic, Dental, Medical, Podiatry, Veterinary & Non Medical

Date Issued: 1/29/2025

Expiration Date: 3/1/2028

Kelsey Held

Director, Division of X-ray Programs

NOTICE OF REGISTRATION

Physics Associates

James Wait

5346 Peters Creek Rd
Roanoke, VA 24019

Registration Number

999739

1/20/2028

Registration Expiration

Health Physics Consultant

**West Virginia Department of Health
Bureau for Public Health
Office of Environmental Health Services
Radiological Health Program
[64-CSR-23]**

* * *

Activities conducted under the authority of this registration must comply with the Radiological Health Rule, West Virginia Code of State Regulations, Title 64, Series 23



Jason Frame, Director
Office of Environmental Health Services



THIS CERTIFIES THAT:

JAMES WAIT

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:

28TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS

November 2-3, 2024

This seminar provides 16.68 hrs of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be awarded from CAMPEP are 16.68. Course hours may be subdivided into DBT (9.68 hrs), Stereotactic (3 hrs) and Future Directions in Mammographic Imaging (3 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation of hours not exceed 9.68. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE SenoClaire DBT System, Siemens Mammomat Inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT.

This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 18.50 Category A ASRT#:WIZ01340097 Expiration Date 3-1-2025

Brenda DeBastiani

Brenda DeBastiani, MBA, CRA, FAHRA, RT(R)
MTMI President

MTMI
10361 Innovation Drive, STE 400
Wauwatosa, WI 53226

Certificate of Completion

This certifies that the person named below has completed a
1 Hour HIPAA Training Class
and has passed a written knowledge assessment

COURSE FOR HIPAA

HIPAA TRAINING CLASS

James R. Wait IV
Roanoke, VA

Date of Course Completion: 03/17/2025

Valid for 1 Year

Certificate Number: 1408001

This Program ID: 686426, has been approved for
1HR (General) recertification credit hours
toward aPHR®, aPHRI™, PHR®, PHRca®,
SPHR®, GPHR®, PHRI™ and SPHRI™
recertification through HR Certification
Institute® (HRCI®).

Verify the authenticity of this certificate by
visiting: NALearning.org/Verify



Mr. Robert A. Williams, Program Director
(888) 338-8855 | certificate@courseforhipaa.com



Clarkson University Official Graduate Transcript

Name: James Wait

Student ID: 0649976

Print Date: 12/11/2024

Institution Info: Clarkson University
Student Administrative Services
Box 5575
Potsdam, NY 13699

Beginning of Graduate Record

Summer 2020

Course	Points	Earned	GPA	Units	Points	Attempted
Term GPA	4.000	4.000	4.000	16.000		
Transfer Term GPA	3.667	3.667	3.667	15.000		
Combined GPA	3.667	3.667	3.667	15.000		

Course	Description	Points	Earned	GPA	Units	Points	Attempted
STEM	STEM Pedagogy & Professional	4.000	4.000	4.000	16.000		

Fall 2020

Course	Points	Earned	GPA	Units	Points	Attempted
Term GPA	3.667	3.667	3.667	13.000		
Transfer Term GPA	3.667	3.667	3.667	13.000		
Combined GPA	3.667	3.667	3.667	13.000		

Spring 2021

Course	Description	Points	Earned	GPA	Units	Points	Attempted
PH	Electroanalytical Methods	3.000	3.000	3.000	12.000		
PH	Classical Mechanics	3.000	3.000	3.000	12.000		
PH	Graduate Seminar I	1.000	1.000	1.000	4.000		
PH	Thesis, Dissertation or Sp Pro	6.000	6.000	6.000	24.000		

Spring 2022

Course	Points	Earned	GPA	Units	Points	Attempted
Term GPA	3.334	3.334	3.334	13.000		
Transfer Term GPA	3.334	3.334	3.334	13.000		
Combined GPA	3.334	3.334	3.334	13.000		

Fall 2021

Course	Description	Points	Earned	GPA	Units	Points	Attempted
PH	Quantum Physics I	3.000	3.000	3.000	12.000		
PH	Electromagnetic Theory I	3.000	3.000	3.000	12.000		
PH	Graduate Seminar II	1.000	1.000	1.000	4.000		
PH	Thesis, Dissertation or Sp Pro	6.000	6.000	6.000	24.000		

Fall 2023

Course	Points	Earned	GPA	Units	Points	Attempted
Term GPA	3.167	3.167	3.167	15.000		
Transfer Term GPA	3.167	3.167	3.167	15.000		
Combined GPA	3.167	3.167	3.167	15.000		

Spring 2024

Course	Description	Points	Earned	GPA	Units	Points	Attempted
PH	Selected Topics in Physics I	3.000	3.000	3.000	12.000		
PH	Graduate Seminar I	1.000	1.000	1.000	4.000		
PH	Thesis, Dissertation or Sp Pro	11.000	11.000	11.000	44.000		

Fall 2025

Course	Description	Points	Earned	GPA	Units	Points	Attempted
PH	Academic Writing II	3.000	3.000	3.000	12.000		
PH	Graduate Seminar II	1.000	1.000	1.000	4.000		
PH	Thesis, Dissertation or Sp Pro	14.000	14.000	14.000	56.000		

Kara L. Pitta

University Registrar

Clarkson University Official Graduate Transcript

Name: James Wait
Student ID: 0649976

Withdrawal Date: 09/11/2023

Graduate Career Totals	3.581	Cum Totals	93.000	79.000	31.000	111.007
Cum GPA:						
Transfer Cum GPA	3.581	Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.581	Comb Totals	93.000	79.000	31.000	111.007

Degrees Awarded

Degree: Bachelor of Science With Distinction

Confir Date: 05/16/2020

Degree GPA: 3.474

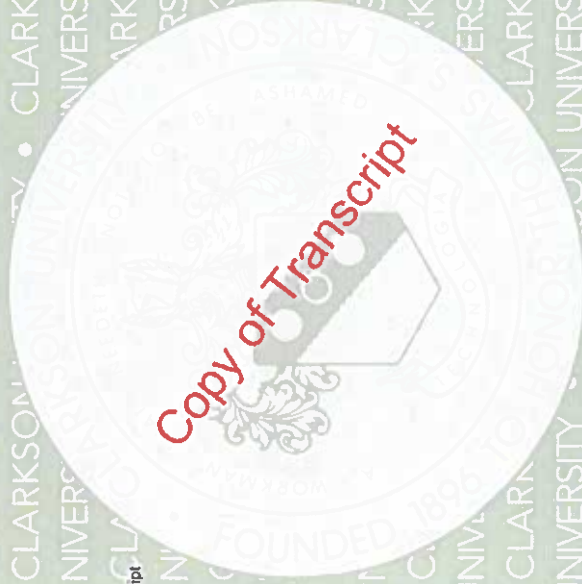
Plan: Physics

Degree: Master of Science

Confir Date: 12/31/2022

Plan: Physics

End of Clarkson University Official Graduate Transcript



Kara L. Pitta

University Registrar

Clarkson University Official Transcript

Name: James Wait
Student ID: 0649976

Print Date: 12/11/2024

Institution Info: Clarkson University
Student Administrative Services
Box 5575
Potsdam, NY 13699

Spring 2020 was disrupted by the COVID-19 pandemic

Course	Points	Grade	Points
CM 132 General Chemistry I	4,000	A-	14,668
LIT 221 American Literature II	3,000	A-	11,001
MA 339 Applied Linear Algebra	3,000	B+	10,002
PH 327 Physics I	3,000	A-	11,001
PH 331 Quantum Physics I	3,000	B+	10,002
PH 445 Undergraduate Thesis I	3,000	A-	11,001

Good Standing	Points
Dean's List	0.000

Undergraduate Career Totals	Points
Cum GPA	3.474
Transfer Cum GPA	3.474
Combined Cum GPA	3.474

Beginning of Undergraduate Record

Fall 2019

Course	Points	Grade	Points
BY 110 Biology and Society	19,000	A+	12,000
CM 131 General Chemistry I	19,000	A	16,000
CS 141 Intro to Comp Sci I	19,000	B+	13,336
ES 260 Materials Science & Eng I	19,000	A-	11,001
MA 381 Probability	19,000	C	6,000
PH 478 DR in Experimental Physics	19,000	B	6,000

Good Standing

Dean's List

Spring 2020

Term GPA	Points
3.562	67,675
Transfer Totals	Points
0.000	0.000
Combined GPA	Points
3.562	67,675

Copy of Transcript

Degrees Awarded
Bachelor of Science With Distinction
05/16/2020
3.474
Physics
Master of Science
12/31/2022
Physics

End of Clarkson University Official Transcript

Kara L. Pitta

University Registrar

Transfer Term 2016

Accepted from SUNY AT ALBANY

United States to 1877

United States Since 1877

TERM TOTALS 0.0000

CUMULATIVE TOTALS 0.0000

Fall Term 2016

TR 111 A Fundamentals of Astronomy

GL 106 F Composition

TH 128 A Calculus/Analytic Geometry I

ED 111 A Cross Country

YS 225 BT Fundamentals of Physics I

HOL301 A LS: Presidential Election

an's List

TERM TOTALS 3.7647

CUMULATIVE TOTALS 3.7647

Spring Term 2017

TR 243 A Planetary Science

WA 159 F4 FYS: Salem Witch Trials

TH 129 A Calculus/Analytic Geometry II

YS 226 A Fundamentals of Physics II

HOL301 A LS: Star Wars: Cultural Phenom

an's List

TERM TOTALS 3.6071

CUMULATIVE TOTALS 3.6859

Fall Term 2017

TR 445 A Stellar Evolution

TH 238 B Multivariable Calculus

ED 114 A Men's Soccer

YS 346 A Math Methods of Physics

YS 338 A Modern Physics

HOL301 A LS: the Beatles

an's List

TERM TOTALS 3.5294

CUMULATIVE TOTALS 3.6337

Spring Term 2018

TR 446 A Stellar Dynamic/Galactic Struc

TH 231 A Differential Equations

YS 332 A Electromagnetism

YS 349 A Physics Colloquia

Y 110 B Introductory Psychology

HOL301 A LS: How Schol. Shaped Career

an's List

TERM TOTALS 3.6871

CUMULATIVE TOTALS 3.6471

Fall Term 2018

ASTR 340 B The Invisible Universe

HIST 115 A Western Civilization I

PHYS 331 A Classical Mechanics

SCHOL301 A Lyco Scholars: Serial Killers

SPAN 111 C Intermediate Spanish I

Dean's List

TERM TOTALS 3.5294

CUMULATIVE TOTALS 3.6235

Spring Term 2019

ASTR 344 A Relativity and Cosmology

FILM 220 A Topics in Genres: Actors, &

HIST 232 A The Rise of Islam

PHYS 337 A Thermodynamics/Stats Mechanics

PHYS 349 A Physics Colloquia

Dean's List

TERM TOTALS 3.9175

CUMULATIVE TOTALS 3.6701

May Term 2019

PHIL 228 A Philosophy and the Environment

TERM TOTALS 3.6700

CUMULATIVE TOTALS 3.6701

Enhanced Acad. Experience

EAE ABRD A EAE: Experiential Travel Prog

TERM TOTALS 0.0000

CUMULATIVE TOTALS 3.6701

End of Academic Record

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Official Academic Transcript

Name: James Wait
Student ID: 001232814
ID Number: XXX-XX-8886
Address: 1233 County Route 54
Cherry Valley, NY 13320



UNIVERSITY
AT ALBANY
State University of New York

JAMES WAIT
1233 COUNTY ROUTE 54
CHERRY VALLEY, NY 13320

Send To:

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----- Beginning of Undergraduate Enrollment -----

2014 - 2015 School Year

Program:	UG Arts & Sciences / NonMatric
Major:	Non-matriculated
Courses	
AHIS 100	Amer Politic and Social His I
AHIS 101	Amer Politic+Social Hist II

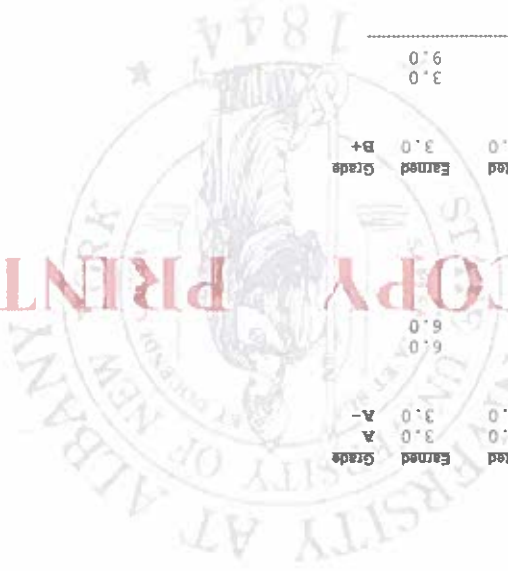
Term GPA:	3.85	Term Credits Earned	6.0
Cum GPA:	3.85	Cum Totals	6.0
Attempted	3.0	Earned	3.0
Grade	A		A-

2015 - 2016 School Year

Program:	UG Arts & Sciences / NonMatric
Major:	Non-matriculated
Courses	
AHIS 220	Public Policy Modern America

Term GPA:	3.30	Term Credits Earned	3.0
Cum GPA:	3.67	Cum Totals	9.0
Attempted	3.0	Earned	3.0
Grade	B+		

No entries below this line-----



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