

Jerrod W. Moore

Chemistry Teacher



October 1st 2015

Dear Colleague,

From my curriculum vitae, you will discover that I am a highly motivated and experienced educator. With over 8 years of international teaching experience; the majority of which was working with English as a Second Language students, and 5 years of high level Chemistry. I have a great deal of computer literacy and have created several inquiry based programs, for middle schools, high schools, and for undergraduate research purposes. Examples of my these, please feel free to explore my professional electronic portfolio (<https://sites.google.com/site/boxjerrod>).

I am an experienced student mentor; have organized many extra-curricular activities and clubs, as well as the coordinator and driving force behind "The Young Naturalist Science Competition"; and helped develop a summer STEAM program. These have enabled me to undertake roles such as CAS advisor, events coordinator, university counselor, and most recently producer for live YouTube on-air events.

I am conversant in Japanese language and am familiar with the AP, Common Core, iGCSE, Cambridge, and IB curriculums.

I am currently seeking to work in a school with passionate teachers committed to developing independent, responsible lifelong learners. Therefore, I would welcome the opportunity be interviewed by you and discuss the values and strengths that I could bring to your already successful school.

I thank you for in anticipation reviewing my documents and I look forward to hearing from you. My reference list is in my attached CV. And further references are available on request.

Yours sincerely,

Jerrod W. Moore

Jerrod W. Moore

Curriculum Vitae

Jerrod W. Moore

Chemistry Teacher



+7 (708) 105-9819

+1 (814) 420-2170

jerrodwmoore@gmail.com

sites.google.com/site/boxjerrod/

Quick Facts

- Over 9 years teaching experience.
- Licensed Chemistry teacher
- Experienced high level teacher (AP, A-Level, IB)
- Experienced Head Teacher
- Teacher Mentor
- Over 8 years international teaching/ESL students
- ICT Oriented
- Friendly
- Student's advisor/University counseling experience
- Japanese Language

Qualifications

Bachelor of Science in Education "Magna Cum Laude" (honors)
Chemistry Education Major

Indiana University of Pennsylvania
Indiana, PA. 2007

Teaching License
PA Secondary Chemistry Education, USA 2007 [Lifetime]

Commonwealth of Pennsylvania
Indiana, PA. 2007

Experience

Nazarbayev Intellectual School
Head of Int'l Chemistry Dept./Educational Consultant

Uralsk/Almaty, Kazakhstan
April 2014 – Present

AICJ Junior & Senior High School / Oshu Corporation
Head of IB Sciences/University Counselor

Hiroshima, Japan
August 2011 – April 2014

Hiroshima Nagisa Junior & Senior High School / JIEC
Head of Year Group/Curriculum Designer

Hiroshima, Japan
April 2009 - August 2011

Shintoku Girls School / JIEC
Head of Year Group/Curriculum Designer

Hiroshima, Japan
August 2008 – April 2009

NOVA / GComm Inc.
Multimedia Teacher/Lesson Designer

Osaka, Japan
September 2007 – August 2008

Central Cambria High School
Student Teacher

Ebensburg PA, USA
January 2007 – May 2007

Indiana University of Pennsylvania Chemistry Department
Undergraduate Lab Researcher

Indiana PA, USA
August 2006 – December 2006

References

A full complement of recommendation letters can be found in my electronic portfolio.

<https://sites.google.com/site/boxjerrod/home/recommendations>

Michael Shyne, Vice Principal/Director of Studies, NIS +7 777-297-4760
Chris Shorter, Vice Principal/Director of Studies, NIS +7 778-558-8468
Satoshi Ohara, Vice Principal/Head of Science, AICJ +81 090-3173-7419
Sean Richards, JHS Immersion Science Leader, AICJ +81 080-6330-9920
Osama Kassis, Head of IB Physics/TOK, AICJ +81 090-8246-0548
John Hanvey, Director of International Studies, Nagisa +81 082-275-2790
Jevon LaRocque, International Supervisor, Shintoku/Nagisa +81 080-3797-7067

shyne_m@fmalm.nis.edu.kz
shorter_c@nis.edu.kz
sohara@aicj.ed.jp
seanrichards1612@gmail.com
okassis313@gmail.com
fhanvey@yahoo.com
heavyjinjapan@yahoo.com

Interests

- Drawing
- Technology
- Fitness
- Reflective Writing
- Graphic Design
- Web Design
- Stage Magic
- Japanese Language/Culture

.Samal-2, Build 30, APT25
Almaty, 050051 KZ

+7 (708) 105-9819
+1 (814) 420-2170

jerrodwmoore@gmail.com

Resume

Jerrod W. Moore

Chemistry Teacher

Areas of Expertise

Chemistry/ Science
Theory of Knowledge/English

AP/ IB/ iGCSE/ Cambridge

University Counselor/ Student
Advisor/ Electronic Portfolios

Curriculum Development and
Resourcing

Teaching Skills

Classroom Management

Engaging Lesson Delivery

Cross Curricular Education

Student Feedback/Reporting

Events/Project Organizing

Learning Support Systems

Inquiry Based Teaching

Assessment Design

Personal Attributes

Enthusiastic

Caring

Supportive

Reflective

Humorous

Management Specialties

Departmental Management

Collaborative Systems

Resource Management

Professional Skills

Advanced ICT

Multimedia Design

Health and Safety

Policy Development

Japanese (intermediate)

Educational Philosophy

I want to be the best teacher on the planet.

Since my first day in kindergarten, I have always wanted to be a teacher. There is something about the atmosphere and energy of the classroom that touches me to the core. For me, school is a place where everyone works together to learn, grow, and share. It is a place to develop and challenge ourselves. It is a place to push ourselves and discover how far we can go.

As educators, I believe that our goal is to help students become global citizens. We strive to challenge them and develop in them the traits they need to succeed in life. We hope to build life-long learners with the dedication, confidence, and skills to change our world. In our classes we help students set their own goals and realize their dreams and aspirations. Chemistry teachers focus on building not only the chemical skills and knowledge but also the discipline, attitude, and desire to become responsible world citizens.

This is why, as educators, we diligently research and utilize the best and most recent pedagogical techniques [e.g. the cognitive constructivist approach], evaluate our own teaching, and always support our students needs. I credit these practices as the reason for my long record of success as an educator. These successes are evidenced by my students' achievements in their lives and the long lasting contributions that I have made in the schools I have worked.

I believe my motivation is two-fold. I had very little support pursuing my ambitions when I was at school. My family and teachers knew that I was intelligent but they were at a loss on how to help me realize my potential. I had to figure it out myself. I can appreciate that an educator is more than a teacher. An educator is a mentor. They encourage and support students as they prepare to take on the world and follow their ambitions. Secondly, I love my subject. Ever since my first Chemistry class, I continue to be amazed with Chemistry and Science generally. The enigma and challenges that Chemistry present excites me. I enjoy how it allows me to see the invisible, to understand the impossible, and use this knowledge to improve everyone's life.

To summarize my career, I am a teacher who will identify individuals' learning needs and fill that role. It has lead me to accomplish remarkable things and leave a lasting legacy in the lives of my students. Further, I am committed to working in a classroom environment with the collaboration of my fellow educators to see how far we can go. I am dedicated to becoming the best teacher on the planet.

Education, Honors, and Certifications

Bachelor of Science in Education Magna Cum Laude (honors) Chemistry Education Major

Indiana University of Pennsylvania, Indiana, PA. 2007

High School Diploma

Northern Cambria ES/JHS/HS Northern Cambria, PA. 2002

Teaching Qualifications Held

- PA Secondary Chemistry Education, USA 2007 [Lifetime]
 - Chemistry: all levels/ General Science: all levels/ General Physics or Biology
 - Grades 6, 7, 8, 9, 10, 11, 12
- Hiroshima JH & HS Science Education Licensure, JP 2011
 - All Sciences: Grades 7, 8, 9, 10, 11, 12
- Hiroshima JH & HS English Language Licensure [grades 7-12], JP 2009
 - All Sciences: Grades 7, 8, 9, 10, 11, 12

Student Evaluations

"He gave us a way to see the idea, not just hear it."

"If you didn't understand things, he took the time out to go over it with you, one-on-one."

"I liked how he always got you involved. You couldn't just sit there."

"He is very excited about Chemistry!"

"When Mr. Moore talks, it's exciting. Like the whole world is just waiting for you."

"It's easy to talk to Mr. Moore. He just kind of gets you. And knows the right thing to say."

"Mr. Moore cares about ... our lives."

"He doesn't just want you to get a good grade. He wants to help you reach your goals."

"He is the true meaning of the word SENSEI..."

*-Various Students
Year End Student Survey*

Clubs Coached

Web Design

Japanese

VEX Robotics

Sketch

IT

Independent Project

Science

IB CAS

English

Employment History

Nazarbayev Intellectual School

Head of Int'l Chemistry Dept./Educational Consultant

Uralsk/Almaty, Kazakhstan

April 2014 – Present

Kazakhstan is reforming its educational system based on best practices researched worldwide. I was invited to the Uralsk city school to teach High School Chemistry to gifted and talented students while mentoring local staff in modern teaching pedagogy. After a very successful first year, I was invited to transfer to Almaty city school and asked to head the international Chemistry department.

Accomplishments

- Establishing goals, monitoring the Chemistry department's development, and reporting to vice principals throughout the year while managing department resources and schedules.
- Establishing departmental procedures and inducting new international teachers.
- Established and managed online resources and collaboration for department, students, and parents of the Chemistry department.
- Creating procedures, evaluating teacher performance, providing ongoing training, mentoring, feedback, and professional development sessions for teachers.
- Team teaching and mentoring local Kazakh and Russian Chemistry teachers.
- Developing an eportfolio based Chemistry course.
- Developing and implementing Lab Safety policies, Professional Development courses, University Counseling programs, and other policies and procedures.
- Organizing and delivering events such as International Pedagogical Experiences, science days, and the STEM courses.
- Establishing and leading the Japanese Club and Web Design Club in addition to assisting club leaders for the VEX Robotics Club & the Sketching Club.
- Establishing and hosting the "International Young Naturalist Tournament" as well as organizing and both inter and intra mural competitions.
- Broadcasting and producing events at the school for public viewing.

Key Responsibilities

<ul style="list-style-type: none">➤ Head of International Chemistry Department➤ Chemistry Teacher➤ Teacher Mentor➤ Educational Consultant➤ Student Support and SAT Tutoring	<ul style="list-style-type: none">➤ IYNT Science Tournament Coordinator➤ Professional Development Leader➤ Club Leader➤ Policy Writer/Contributor➤ School Event Contributor
---	--

AICJ Junior & Senior High School / Oshu Corporation

Head of IB Sciences/University Counselor

Hiroshima, Japan

August 2011 – April 2014

AICJ is a private school established in 2006 by the OSHU JUKU school corporation. Their goal is to place students in the top universities around the world. When I gained this position, AICJ was preparing its first graduating class from their largely underdeveloped international course.

Accomplishments

- Established and developed IB Chemistry and IB Theory of Knowledge (TOK) courses
- Lead developer for cross curricular, TOK, and internationalism links throughout the school curriculum by working with colleagues
- Redeveloped and co-taught the JHS immersion science curriculum to focus on practical work and extensions into global needs based on iGCSE and MEXT guidelines.
- Established and managed an on-going collaborative science project about test taking skills that included all grades and co-developed a cross curricular project about Cola.
- Organized several science events such as poster competitions, survival science camps, elementary school experiments, and speech competitions. as well as producing videos for these events.

Professional Evaluations

"... Mr. Moore's knowledge, skill, and diligence has been irreplaceable... I can honestly say that among all the science teachers I have worked with, I consider Mr. Moore to be of the highest quality."

-Satoshi Ohara
Vice Principal
Head of Science, AICJ

"He has demonstrated the difference between a teacher and an educator. He has been a role model for students and fellow teachers."

-Osama Kassib
IB Physics Teacher, AICJ

"Mr. Moore is always approachable and there is clearly a level of trust between the students and him."

-Dr. Sean Richards
JHS Science Leader, AICJ

"Jerrod seeks ... new ideas and embraces all opportunities towards self-development, personal, and professional growth."

-John Hanvey
Director of International Studies, Nagisa

"I've never seen a teacher hit the teaching mark harder than Mr. Moore. A GRAND SLAM!"

-Kazuo Anzai
Principal, Shintoku

"Mr. Moore exhibits an overt enthusiasm towards chemistry and towards teaching as a profession. He is able to garner interest among students and keep it."

-Mark Alex
Cooperating Teacher
Central Cambria

- Budgeted, ordered, organized, inventoried, and maintained science materials for the school.
- Created and developed the school's safety manual and safety policies through collaborating with school officials and the science department.
- Established and developed the school's international university counseling plan spanning grades 10 through graduation; organized SAT and TOEFL prep courses; created the school profile and transcripts; maintained university counseling resources and information boards; and prepared information sessions for parents.
- Organized university applications, letters of recommendation, and had students accepted to top universities in the US, CA, UK and JP.
- Established, organized and taught ICT skills summer courses that focused on electronic portfolio creation.
- Introduced and maintained Google services for teachers and students at the school; email, drive, calendar, web sites, and blogs.
- Organized and managed IB CAS (Community Action Service) activities and advised students.

Key Responsibilities

➤ Head of IB Chemistry Department	➤ University Counselor	➤ JHS English Teacher
➤ IB Chemistry Teacher High Level and Standard Level	➤ Homeroom Teacher	➤ IB Theory of Knowledge Teacher
➤ Grade 7 Immersion Science Leader	➤ Student Supervisor/ Advisor	➤ HS Integrated Studies Teacher
➤ JHS Science Teacher	➤ IB CAS Advisor	➤ ICT Short Course Coordinator
➤ Science Room Manager	➤ Google Account Administrator	➤ School event contributor
➤ Science Event/Project Organizer	➤ Parental Support Advisor	
	➤ SAT Prep. Coordinator	

Hiroshima Nagisa Junior & Senior High School / JIEC

Head of Year Group/Curriculum Designer

Hiroshima, Japan
April 2009 - August 2011

After the great success I had at Shintoku, JIEC offered to transfer me to the top school in Hiroshima. JIEC was commissioned to create a new ESL curriculum for Nagisa (a highly academically oriented school). I was brought in to establish a new English language program at the school and develop lasting materials and curriculum. I was initially assigned as a teacher for both the English classes and the Oral Communication (OC) classes.

Accomplishments

- Established a thematic inquiry based curriculum for English Language Teaching..
- Created and implemented an application based assessment model for the English course.
- Team teaching with both local and international teachers.
- Organized and supervised English events and projects such as recitation contests, international exchanges, and class trips.
- Created and maintained management systems for year groups.
- Evaluated materials and created multimedia materials for classes.
- Introduced and managed Microsoft Office Groove to improve collaboration between teachers.
- Represented the school and company in national conferences with the Ministry of Education and provided professional development for teachers at the school.
- Designed and implemented a secure computerized record keeping system.

Key Responsibilities

➤ Head of 2nd year JHS English	➤ Microsoft Office Groove Administrator
➤ JHS English Teacher	➤ Events/Trips Collaborator
➤ HS Oral Communication Teacher	➤ School Representative

Student Events Organized

Summer STEM Festival:
Improving Uralsk in 8 hours
(2015)

International Young Naturalist
Tournament (2015)

Forensics Science Event (2015)

International Pedagogical
Experience: Women's
Rights/Developing Countries
(2014)

Technology Overload Event:
Web Design (2014)

Survival Science Camp
(2013, 2014)

University Counseling
Informative for Parents
(2012, 2013, 2014)

Science Day & Poster
Competition
(2012, 2013, 2014)

Summer Young Scientist
Program
(2013, 2014)

Unesco Peace Conference
(2012)

Cultural Exchange
(2010, 2011)

English Speech Competition
(2009, 2010, 2011)

Supervised Research Projects

Survey of Chemical Allergens
in Cleaning Products

Acid Rain's effects on Clothing

Exploration of factors that
affect Test-Taking Ability

Cross Curricular Cola Project:
Exploration of Factors that
affect Cola Taste

Scientific Debate: Is
Creationism a Science?

Scientific Debate: GM Foods

Shintoku Girls School / JIEC

Head of Year Group/Curriculum Designer

Hiroshima, Japan
August 2008 – April 2009

JIEC was commissioned to create a new Oral Communications curriculum for Shintoku Girls School. At the time of my employment, the program was being discontinued at the school. I was brought in as a replacement teacher for a very challenging year group to complete the final year of the program.

Accomplishments

- Used a variety of classroom management techniques that met class and student needs.
- Gained control of the classes and had 100% of students on task and succeeding.
- Created a thematic based curriculum for Oral Communication focused around multimedia.
- Created an application based assessment model for the OC course.
- Won School Award: Pinch Hitter Teacher

Key Responsibilities

➤ Head of 2nd year HS Oral Communication	➤ Curriculum Designer
➤ HS Oral Communication Teacher	➤ English Club Coach

NOVA / GComm

Multimedia Teacher/Lesson Designer

Osaka, Japan
September 2007 – August 2008

Multimedia lessons were conducted through the internet for students of all ages. Later, my duties were expanded to include lesson development. Courses included English Conversation, TOEIC (Business English), Grammar Point, Juku (test prep), and Kids Lessons.

Accomplishments

- Fastest employee to finish probationary training in NOVA's history.

Key Responsibilities

➤ Multimedia Teacher	➤ Publicity Liaison
➤ Lesson Designer	

Central Cambria High School

Student Teacher

Ebensburg PA, USA
January 2007 – May 2007

Central Cambria is a local public high school where I conducted my student teaching.

Accomplishments

- Designed innovative lessons that engaged and supported students' achievements.
- Created a video workshop for teachers on capturing DVD clips.
- Tutored special needs students in math.

Key Responsibilities

➤ HS General Chemistry Teacher	➤ Special Education: Math Tutor
➤ Chemical Inventor	

Indiana University of Pennsylvania Chemistry Department

Undergraduate Lab Researcher

Indiana PA, USA
August 2006 – December 2006

Dr. John Ford, impressed with my ability in class asked me to perform two research projects under his supervision. One was a study of diamond surface enthalpy and the other was designing a new curriculum for a high level Chemistry class.

Accomplishments

Professional Research/ Contributions

Effective use of ePortfolios in
High School Chemistry
Courses

-(Ongoing)

Inquiry Based Approach to ESL

-(Ongoing)

AEO Experimental School
Project: Establishing modern
Teaching Techniques in
Kazakhstan

-Almaty (2016)

-Uralsk (2015)

-Astana (2014)

MEXT Panel: Improving
Japan's English education and
support for special need
students.

-Tokyo (2010)

Revision of Foreign Teacher
Labor Laws in Japan

-Osaka (2008)

Enthalpy of Simple Molecules
on Diamond's Surface

-IUP (2006)

Inquiry Based Curriculum
Design for a High Level
Analytical Lab Course:
Forensic Investigations

-IUP (2006)

Determination of Rate of
Reaction of the Catechol
Reaction.

-IUP (2005)

Electronic Portfolio

A full detailed exploration
of my career and artifacts
can be viewed in my
electronic portfolio.

[https://sites.google.com/
site/boxjerrod/](https://sites.google.com/site/boxjerrod/)

- Setup and maintained a data collection system for a gas chromatograph.
- Gathered and analyzed data related to the enthalpy of diamond surface.
- Designed an inquiry based analytical lab course.
- Created an autonomous supporting website and materials for course.
- Presented research at IUP Undergraduate conference.

Key Responsibilities

- | | |
|---|---|
| <ul style="list-style-type: none"> ➤ Present Research at Conferences ➤ Collect and Analyze Data ➤ Setup Maintain Equipment | <ul style="list-style-type: none"> ➤ Curriculum Design ➤ Web Designer for Curriculum's supporting Website |
|---|---|

Continuing Professional Development

Topics Lead

- Leading a Chemistry Department, International Teaching, TEam Teaching (2015)
- Integrating Google into Your Course (2014-2016)
- Second language Learners Support Systems (2011, 2014)
- International University Counseling (2012, 2013, 2014)
- Program Organizational Strategies and Software (2010, 2011)
- Teaching Students on the aspergers-autistic spectrum. (2010)
- Electronic grade books (2010, 2011)
- Capturing DVD clips for use in Class (2007)

Topics Participated

- In school workshops: electronic whiteboards, Engrade, IPEs, Gifted and Talented – NIS (2014-2016)
- NIS Induction: Team Teaching, Long/Medium/Short Term Curriculum Planners, Best Practices in School Policy, Assessment Models, Building Staff Relationships, Teacher Mentorship, ICT in the Classroom – NIS (2014)
- Creating Meaningful Assessment, Meaningful Instruction, Developing Life-Long Learners – PASAS (2014)
- Hiroshima Japanese "Peace" Lessons Level 4– HIC (2008-2013)
- In school workshops: Student Security, Issues in Private Schools, IB School Management – AICJ (2011-2013)
- NYU Abu Dhabi Information Session – NYU Abu Dhabi (New Zealand, 2013)
- Common App Video Workshop – commonapp.org (2013)
- IB Chemistry Workshop level 3 – ib.org (2011)
- Ziggurate Workshop: Teaching students on the Autism-Asperger's Spectrum - Tokyo, (2010)
- In school workshop: Classroom Layout Strategies, Issues in JHS and HS – Nagisa (2009-2011)
- JIEC Training: Modern English Language Teaching – JIEC (2009,2010)
- NOVA Media Center Training: Multimedia Teaching – NOVA (2007)
- Computer Security Workshop – IUP/Homeland Security (2006)

Additional Development

- As a life long learner I challenge my knowledge of Chemistry and teaching by reading various articles, journals, and keeping a reflective journal for my development in my electronic portfolio.

<https://sites.google.com/site/boxjerrod/home/personal-reflections-accomplishments>

Thank you for reading.

-Jerrod Moore

jerrodwmoore@gmail.com