

The **2nd** George Koltanowski Memorial Conference on Chess and Education

Hilton Anatole Hotel, Dallas November 18-19, 2011

Sponsored by the U.S. Chess Trust and The University of Texas at Dallas

Co-sponsored by the Texas Chess Association

Additional support from the U.S. Chess Federation

Second Koltanowski International Conference on Chess and Education

(Registration available on site all day)

FRIDAY, NOVEMBER 18, 2011

8:00 a.m9:00 a.m.	Coffee and Conversation in the De La Salle Room			
	TAGT clock hours sessions in De Soto A Chair: Alexey Root	De Soto B Chair: Tim Redman		
9:00 a.m10:30 a.m.	Academic Chess: Damian Nash and Mike Bowden	Re-envisioning Chess; Brooklyn Castle by Robert McLellan, John Galvin and Elizabeth Vicary; Brain Function by Stephen Lipschultz		
10:30 a.m11:00 a.m.	Coffee and Conversation in the De La Salle Room			
11:00 a.m12:30 p.m.	Chess Clubs: Stephen Lipschultz and Dennis Raveneau	Elementary Children: David MacEnulty and Teresa Parr		
12:30 p.m2:00 p.m.	Lunch on your own	Lunch on your own		
2:00 p.m3:30 p.m.	Differentiated Curriculum: Leah Martin Dagher and Tricia Dobson	International Programs: Margaret Murphy and Charles Moura Netto		
3:30 p.m4:00 p.m.	Coffee and Conversation in the De La Salle	Coffee and Conversation in the De La Salle Room		
4:00 p.m5:30 p.m.	De Soto A, TAGT clock hours. Plenary Session. Chess for Identifying and Instructing Gifted and Talented Students Joseph Eberhard and Alexey Root; Tim Redman, Chair			

SATURDAY, NOVEMBER 19, 2011 (Registration available on site all day)

8:00 a.m9:00 a.m.	Coffee and Conversation in the De La Salle Room		
	De Soto A Chair: Tim Redman	De Soto B Chair: Alexey Root	
9:00 a.m10:15 a.m.	Chess and Neuroscience: James Bartlett, Daniel Krawczyk, and Amy Boggan	Chess Training: Chouchan Airapetian and Lior Lapid	
10:15 a.m11:00 a.m.	Coffee and Conversation in the De La Salle Room		
11:00 a.m12:15 p.m.	UTD Alumni: Clemente Rendon and Dmitri Shneider	Chess and Character; Counseling by Fernando Moreno and Eric Henderson; Boy Scouts by Alex Vergilesov	
12:30 p.m2:00 p.m.	Lunch on your own		
2:00 p.m3:15 p.m.	Classroom Chess: David Barrett and Selby Anderson	Chess and Self-Esteem: Saheli Nath and Julie Blasingame	
3:15 p.m4:00 p.m.	Coffee and Conversation in the De La Salle Room		
4:00 p.m5:15 p.m.	Chess in Turkey (Plenary Session) Kevin O'Connell; Tim Redman, Chair		
6:00 p.m7:00 p.m.	De Soto A. Keynote Session. What we can learn from Bobby Fischer. Frank Brady; Tim Redman, Chair		

A Welcome from Dr. Tim Redman

Dear Conference Participant,

Welcome to the Second George Koltanowski Memorial Conference on Chess and Education. The first conference was held December 14-16, 2001 also here in Dallas. Ten years later, I have had able assistance once again from Dr. Alexey Root and also from James Stallings, the UT Dallas Chess Program director, and Luis Salinas, the assistant director.

I chose to have a second international conference because there has been a considerable advance in serious work on chess and education in the last ten years. The first conference was designed to be skeptical about the sometimes exaggerated claims for the benefits of chess on education. I myself had no doubts, but we needed to take a hard look at the evidence. Ten years later, there are many more studies that attest to what we all knew all along-chess is good for children. Aside from the many new peer-reviewed studies on the benefits of chess, there has been a new and promising direction that chess in the classrooms has taken.

Thirty years ago, I was active in the academic field of rhetoric and composition. At that time, there was a growing emphasis on teacher research – research on writing conducted by actual teachers. During the last ten years, Dr. Root and others have brought teacher research on chess and education to the fore. This conference tries to emphasize praxis.

The Board of the U.S. Chess Trust, of which I am a proud member, decided that it was time for another conference, and they pledged \$15,000 of support. Its Chairman, Harold Winston, has been a steadfast champion of the value of this kind of activity to the mission of the U.S. Chess Trust. The University of Texas at Dallas has matched that contribution. Provost Hobson Wildenthal also believes strongly in the need for this kind of research conference. And Clemente Rendon, once UT Dallas Chess Club president and now the president of the Texas Chess Association, having seen the first conference, and encouraged by Dr. Root, convinced the TCA to donate \$5,000, which is being used entirely to support that Talented and Gifted (TAG) sessions organized by Dr. Root on Friday. The U.S. Chess Federation has provided us with rooms, as they did ten years ago. All have my thanks.

George and Leah Koltanowski were my dear friends over several decades. George's first chess job after coming to the United States was teaching chess to children on Milwaukee playgrounds. It is fitting to have another Koltanowski Memorial in honor of a great man and his wife.

Cordially,

Tim Under

Tim Redman Professor of Literary Studies School of Arts and Humanities The University of Texas at Dallas



These Friday, November 18, 2011 sessions during the Second Koltanowski International Conference on Chess and Education offer six clock hours toward the Texas Association for the Gifted and Talented (TAGT) Awareness Certificate. Please have the presenters from each TAGT session that you attend sign this certificate.

1. 9:00-10:30 a.m. Academic Chess —

Signed by:_____ TAGT clock hours: .75 hour for Nature and Needs of G/T Learners and .75 hour for Creativity and Instructional Strategies

2. 11:00 a.m.-12:30 p.m. Chess Clubs _____

Signed by:______ TAGT clock hours: 1.5 hours for Social and Emotional Needs

3. 2:00-3:30 p.m. Differentiated Curriculum

Signed by:______ TAGT clock hours: 1.5 hours for Differentiated Curriculum

4. 4:00-5:30 p.m. Chess for Identifying and Instructing Gifted and Talented Students (Plenary Session) _____

Signed by:______ TAGT clock hours: 1.5 hours for Identification and Assessment

TAGT requests that individuals working toward the TAGT 45-Hour Awareness Certificate keep track of their training documentation until all hours are accumulated and then submit the paperwork to the TAGT office for verification. TAGT approval has no impact on whether a school district will accept the chess training hours for the 6-hour annual update—that is entirely a local district decision. Please check with your local school district's G/T or Advanced Academics Coordinator to see if the hours will be accepted.



Continuing registration all day

8:00-9:00 a.m., Coffee and Conversation, De La Salle Room.

DeSoto A. Chair, Alexey Root, Ph.D. 9:00 a.m.-5:30 p.m. TAGT clock hours sessions

9:00-10:30 *a.m.*, *Academic Chess* .75 hours for Nature and Needs of G/T Learners .75 hours for Creativity and Instructional Strategies

Damian Nash will outline a simple plan to make chess significantly more appealing to schools nationwide. He will also present a curriculum model that can be used to teach higher order thinking skills directly—one where chess is the primary visual metaphor but chess ability is not the end product. Mr. Nash is a career educator specializing in secondary Gifted and Talented, a USCF Senior TD and expert-level player and the current Utah champion.

Mike Bowden will present how chess can be taught to develop students' problem solving, anticipation of outcomes and cognitive critical thinking. Mr. Bowden has taught in Title One schools for 16 years. Within Lewisville ISD, he coordinated chess club sponsors, brought chess as a staff development to teachers, and increased chess competition. Mr. Bowden has taught chess during the academic day to second through fifth grade students.

11:00 a.m.-12:30 p.m., Chess Clubs

1.5 hours for Social and Emotional Needs

Stephen A. Lipschultz, M.D. was the recipient of the 2009 Chess Educator of the Year Award from The University of Texas at Dallas. He is the creator of the *Think Like A King* school chess software system, which has long been the Official Scholastic Software of the United States Chess Federation (USCF) and has been used by over 1,800 schools to help run their chess programs. *Think Like A King* is interactive software that addresses the management, motivational and teaching needs of scholastic chess programs. Dr. Lipschultz will demonstrate how the software works, and introduce "Major League Chess," a user-controlled online team chess match system that allows users to create their own chess conferences, seasons and leagues. The ability to conveniently arrange team competitions online, without the logistical issues and costs of travel to tournaments, will be a major step forward for scholastic chess.

Dennis Raveneau presents how to build a viable chess club, with special attention to factors such as creating nonthreatening competitive opportunities for children and securing administrative and parent support. Retired from the Dallas ISD after 22 years, Mr. Raveneau has coached chess at several Dallas YMCAs, Roger Q. Mills Elementary, and G.B. Dealey Montessori Academy. For the past nine years, Mr. Raveneau has also been a lead chess teacher for the Young Arts Institute in Education summer chess camps. A certified USCF tournament director, he has successfully run numerous low-cost youth tournaments for various schools and community groups. Mr. Raveneau took one Chess in Education Online course from UT Dallas.

3

Page .

2:00-3:30 p.m., Differentiated Curriculum 1.5 hours for Differentiated Curriculum

Leah Martin Dagher applies the curriculum differentiation theories of Dr. Carol Ann Tomlinson to chess in the classroom. Mrs. Dagher is a USCF Coach Level I. She taught chess full time for five years at Briarmeadow Charter School in Houston and also teaches chess for Tarrant County College's *College for Kids* program. She wrote *Classroom Chess: A Primary Teacher's Handbook*. Dagher took both Chess in Education Online courses from UT Dallas.

Tricia Dobson will present about how chess connects with lifelong learning, helping students develop emotionally and enhancing their social skills. Mrs. Dobson is a mother of four, certified teacher, USCF Coach Level I, founder of *Checkmate This!* and coordinator of the Lovejoy Independent School District's Chess Program. She began and leads the Sloan Creek Middle School Chess Club and Team and runs its major fundraiser, The Turkey Tournament. She initiated and coordinates Lovejoy High School's Sport of the Mind.

4:00-5:30 p.m., Chess for Identifying and Instructing Gifted and Talented Students (Plenary Session) 1.5 hours for Identification and Assessment

Joseph Eberhard, Ed.D., will present about chess instruction as a thinking skill heuristic to be provided to all students in a school setting. His discussion is grounded in the results from a study in South Texas where there was an emphasis on classroom chess instruction and its impact on economically-disadvantaged students. Students in both the experimental and control groups were pre-tested and post-tested with the same exams used to identify students for the Gifted and Talented program within their district. Based on the results of this study, the one-semester instructional period significantly improved the academic potential of economically disadvantaged students, many of whom would have qualified for the gifted and talented program.

Dr. Eberhard has taught history at William Adams Middle School in Alice, Texas for the last 15 years. He sponsors the chess teams at the middle school and high school. Dr. Eberhard was named TAGT Region II Teacher of the Year in 1997, 1998, 2001, and 2002. In 2002 he was also the statewide TAGT Teacher of the Year. In 2002 he received ATPE's Christi McAuliffe Grant for Teaching Excellence for his project providing chess instruction at his campus.

Alexey Root, Ph.D., outlines the benefits of chess for children. She demonstrates exercises that may be used with the following grade levels and ages: preschool (ages 3-4), kindergarten (age 5), grades 1-3 (ages 6-8) and grades 4-5 (ages 9-10). Educators and parents also learn how these chess exercises identify giftedness and instruct. The exercises are from her forthcoming book *Thinking with Chess: Teaching Children Ages 5-14* (Mongoose Press, 2012).

Dr. Root was the 1989 U.S. Women's Chess Champion. Since 2001, she has taught college-credit chess in education courses for UT Dallas and written several articles for *Tempo*, the TAGT journal. Root has taught at chess camps and volunteered teaching chess at her children's Denton ISD schools. Her books are: *The Living Chess Game: Fine Arts Activities for Kids 9-14* (2011); *People, Places, Checkmates: Teaching Social Studies with Chess* (2010); *Read, Write, Checkmate: Enrich Literacy with Chess Activities* (2009); *Science, Math, Checkmate: 32 Chess Activities for Inquiry and Problem Solving* (2008); and *Children and Chess: A Guide for Educators* (2006).



Page 4

De Soto B. Chair, Tim Redman, Ph.D.

9:00-10:30 a.m., Re-envisioning Chess.

Robert McLellan, Elizabeth Vicary, and John Galvin are educators and filmmakers who are preparing a documentary on the use of chess as an after-school activity. The film, "Brooklyn Castle," will be premiered in January. It was already discussed as a vital part of the FACE (Families and Communities Engagement) Symposium coordinated by the publishing giant Scholastic at its New York headquarters as a central part of a presentation on extending school time. They seek to show how after-school activities such as chess benefit students in acquiring academic and other skills. They are also working in conjunction with the U.S. Chess Federation and its Executive Director, Bill Hall.

Stephen Lipschultz, M.D., will present the medical perspective on recent neurophysiological data on brain function and cognitive processes in at-risk children. He will talk about why chess works in that population and the implications for scholastic chess. Dr. Lipschultz is best known in the chess world as the originator of "Think Like A King," learning software endorsed by the U.S. Chess Federation. In 2009, he was given The University of Texas at Dallas' Chess Educator of the Year award.

10:30-11:00 a.m., Coffee and Conversation.

11:00am-12:30 p.m., Elementary Children.

David MacEnulty will engage in the important topic of preparing young children for tournament play, not the technical aspects of chess preparation but the psychological preparation necessary. The talk will address problems raised by Dr. Alexey Root in the previous Koltanowski Conference. Mr. MacEnulty is a renowned chess educator and a recipient of UT Dallas' Chess Educator of the Year award.

Dr. Teresa Parr will explore why chess works for young children. Anyone who teaches chess for youngsters can relate story after story about the positive impact of chess on academic success and behavior. Dr. Parr has spent years working with families and children in a variety of therapeutic, educational, medical, and research settings. She is a member of the research team for a \$1,049,094 study "Exploring the Malleability of Executive Control" funded by the U.S. Department of Education that will test the hypothesis that chess improves performance in a broad range of academic subjects.

12:30-2:00 p.m., Lunch on your own



2:00-3:30 p.m., International Programs.

Margaret Murphy will talk about her innovative program to teach chess to classroom teachers and students simultaneously, a program that she has successfully implemented in the U.S. Virgin Islands that addresses the often critical shortage of chess instructors. She is the president of the U.S. Virgin Islands Chess Federation, a member of the FIDE Executive Board, and a longtime member of the FIDE Chess-in-Schools Committee. She has been a high school science teacher and currently works as a Resource Room Teacher for students aged 15-17 with academic and behavioral issues.

Professor Charles Moura Netto will speak on the development of cognitive and social skills that can be stimulated by chess outside of a formal educational setting. In particular, he will speak about the Brazilian experience of teaching chess in prisons in the state of Espirito Santo, Brazil, a project called "chess that brings freedom" which has worked to rehabilitate prisoners through chess. He is vice president of the Brazilian Chess Confederation and a member of the Chess-in-Schools Committee of FIDE.

3:30-4:00 p.m., Coffee and Conversation.

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Continuing registration all day

8:00-9:00 a.m., Coffee and Conversation. De La Salle Room.

De Soto A, Chair, Tim Redman

9:00-10:15 a.m., Chess and Neuroscience.

Professor James Bartlett, the head of the doctoral program in Cognition and Neuroscience at UT Dallas, will give a brief overview of its work and introduce the speakers. Amy Boggan is a doctoral student in Cognition and Neuroscience at The University of Texas at Dallas. Her work on expert chess perception (Boggan, Bartlett, and Krawczyk) was recently published in *The Journal of Experimental Psychology*.

Professor Dan Krawczyk has joint appointments at The University of Texas at Dallas and at UT Southwestern Medical Center and is also affiliated with the Center for Brain Health at UT Dallas.

Their talks:

"Chess and Faces: What can they teach us about perception?" Although human face recognition seems to be innate, study into other areas of perceptual grouping, such as the chunks and templates of expert chess players, can add insight into this research.

"The Brain Organization of Perception in Chess Experts." Studies of chess perception and memory have been the focus of attention in psychology since De Groot, but relatively little investigation of the neural correlates of chess perception has occurred until recently. The recent findings comparing chess perception to expert object and face perception resulting from the neuroimaging study of International Masters and Grandmasters on The University of Texas at Dallas Chess Team will be discussed.

10:15-11:00 a.m., Coffee and Conversation.

11:00 a.m.-12:15 p.m., The University of Texas at Dallas Alumni.

Clemente Rendon is a businessman living in Brownsville, Texas. He earned his undergraduate degree at UT Dallas and was the longest-serving president of the UT Dallas Chess Club in its history. During that time, he approached the president of The University of Texas at Brownsville and convinced her of the value of starting a chess program. As a result of his work and advice, UT Brownsville has catapulted into one of the top four collegiate chess teams in the nation. Clemente currently serves as the president of the Texas Chess Association. He will speak on chess in Brownsville, and how a comprehensive chess program both in the Brownsville ISD and at UT Brownsville has led an impoverished area to winning the National Board Award for excellence, and resulted in an ongoing boost in morale, increased parental support for students and numerous national championships for its players at all levels.

Dmitri Shneider is an investment banker living in New York City. An International Master, during his time at The University of Texas at Dallas he was a mainstay of the UT Dallas Chess Team and, for a time, its captain. He was also an Archer Fellow. His brother, Igor, who followed him to UT Dallas, was also a member of the team, and an Archer Fellow. Dmitri will speak on chess and finance, specifically how skills acquired through chess mastery transfer to the world of investment banking. He highlights how many U.S. Champions have utilized their chess skills in the world of investing



and capital markets. Chess and investing are both competitive arenas where participants must quickly evaluate the risks and rewards of various moves and strategies by relying on their ability to spot underlying trends and patterns while calculating several moves ahead.

12:15-2:00 p.m., Lunch on your own.

2:00-3:15 p.m., Classroom Chess.

David Barrett, Ed.D., received his doctorate in December of 2010. He will speak on his research findings which evaluated the uses of a 30-week chess instructional program as a tool for sequential transfer within middle-school level special education math classes with specific reference to the students' math achievement as measured by end-of-year course grades and the Texas Assessment of Knowledge and Skills (TAKS). Results indicated a statistically significant difference on four of the eight measures in favor of the chess group. These findings lend empirical support for the use of chess in education as a potentially effective instructional tool for students who receive special education services in math.

Selby Anderson is a chess master, a chess teacher, and the award-winning editor of *Texas Knights*, the magazine of the Texas Chess Association. He has developed a lesson sequence for the elementary students of St. Luke's Episcopal School in San Antonio that emphasizes the importance of developing the back-row pieces (except the king) through the metaphorical use of the film "The Magnificent Seven," based on "The Seven Samurai" by Akira Kurosawa. Telling that story, he shows how the eight peasants (pawns) and the elderly village leader (the king) need to be protected by the early development, as stressed by Paul Morphy, of the back-row warriors, the magnificent seven.

3:15-4:00 p.m., Coffee and Conversation.

4:00-5:15 *p.m.*, *Scholastic Chess in Turkey and the Future of FIDE Student Membership. Kevin O'Connell. Plenary session chaired by Tim Redman.*

Kevin O'Connell is a FIDE Master, an International Arbiter and the secretary of FIDE's Chess-In-Schools Commission. His chess background is unique in that it encompasses all areas of chess. He will speak about the successful effort in 2005 to convince the Turkish Minister of Education to introduce chess into the schools as part of the optional curriculum. In three months they created all necessary teaching materials and within a year trained 20,000 school teachers to teach chess in their classrooms. Today there are 50,000 trained chess teachers and nearly 3 million children learning chess. Where does the money come from? Because the numbers are so large, sponsors approach the Turkish Chess Federation, it doesn't approach them! The result is a thriving chess business which provides employment to a couple of thousand chess professionals. The second part of the talk relates how the Turkish model could be exported to Europe, based on the founding ideas of Ali Nihat Yazicki. That plan led to the creation of FIDE Student Memberships. The governing concept is to use chess in the schools and FIDE's unique marketing position to deliver a program that will benefit national federations. The project costs the national federations nothing and it can result in substantial income for them. FIDE Students Memberships were introduced in September.



6:00-7:00 p.m., Keynote Address: What We Can Learn from Bobby Fischer.

Session chaired by Tim Redman.

Professor Frank Brady is Chair of the Department of Communications at St. John's University in New York, where he also founded and directs the Chess Program. He is a legendary figure in the world of chess. He was founding editor of the magazine *Chess Life* and the author of the best-selling *Profile of a Prodigy* about his friend Bobby Fischer. He recently completed another best-seller, *Endgame*, the definitive biography of Fischer. Currently he serves as president of New York City's historical Marshall Chess Club.

De Soto B. Chair, Alexey Root.

9:00-10:15 a.m., Chess Training.

Chouchan Airapetian teaches chess to elementary students and volunteers as a chess teacher in public libraries. She is currently working on a graduate degree that will combine her various interests and expertise and has received support from her university for her participation in this conference. She will relate her experiences of teaching Russian chess pedagogy to American students.

Lior Lapid has a B.A. in philosophy and an M.A. in political science, both with honors and both from New Mexico State University. He has fifteen-years experience teaching chess to private students and in the schools and is currently teaching chess to the Pueblo people of New Mexico. He will speak of the serious challenges facing chess teachers today. The first is the high rate of chess players who lose interest in the game around age 13. The second is that many students quickly reach a rating plateau and despite years of lessons, they do not improve their ratings or results. He will present underutilized training methods that will increase USCF renewal/retention rates and motivate students to do more studying on their own, leading to increased enjoyment and better results.

10:15-11:00 a.m., Coffee and Conversation.

11:00 a.m.-12:15 p.m., Chess and Character.

Fernando Moreno, assisted by Eric Henderson, will present their work on using chess as a counseling tool to help student maturity and growth. Fernando is already well known in the chess and education community as being a powerful advocate for using chess as a metaphor for teaching students conflict avoidance and personal growth. His summary statement, "Teaching Life Skills Through Chess," has gained a great deal of attention within the worlds both of scholastic chess and guidance counseling.

Alex Vergilesov graduated from Saint Louis University in 2009 with a degree in history and Russian studies. He currently serves as the scholastic director of the Chess Club and and Scholastic Center of Saint Louis (CCSCSL). He will speak on the recent approval by the Boy Scouts of America of a Chess Merit Badge, launched in Saint Louis in September. He will explain the requirements for the badge, the level of chess participation needed, and the need for both student and parental involvement. He will also talk about CCSCSL programs, promotion and growth.



12:15-2:00 p.m., Lunch on your own.

2:00-3:15 p.m., Chess and Self Esteem.

Saheli Nath is an undergraduate at The University of Texas at Dallas. Working with Dr. Alexey Root, she conducted a study on the effects of playing chess on self-esteem in adults. That study was a finalist in a university-wide competition for best undergraduate research. Her work investigates the effects of playing chess on the self-esteem of college students ages 18-40. Chess requires a high level of concentration and has been incorporated into many colleges' activities with the idea that it may improve overall performance in the students' academic and social lives. The study uses the Rosenberg Self-Esteem Scale and Luhtanen and Crocker's Collective Self-Esteem Scale along with relevant demographic data to evaluate the self-esteem scores of chess-playing and non-chess-playing students, analyzing the relative differences in these scores between the two groups. The implications of the findings on the goal of engaging more college students in chess are discussed.

Julie Blasingame has been a public school teacher for 15 years. She uses research to show the benefits of chess for lowersocioeconomic children. She will show data indicating that chess-playing students demonstrate more improvement on their benchmark test scores than non-chess-playing students. The former group also benefits greatly by attending a structured chess club in which a curriculum is taught, chess homework is given, and much time is spent practicing chess-playing skills.

3:15-4:00 p.m., Coffee and Conversation.

4:00-5:15pm, Chess in Turkey. Plenary session (see above).

6:00-7:00pm, What We Can Learn from Bobby Fischer. Keynote address (see above).

Notes



Page 10

November 19, 2011 –	 	
Notes		
		Page 11
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UT Dallas Online Chess in Education Courses

Educators are constantly looking for ways to improve students' concentration, raise test scores and add variety to the classroom environment. One of the most powerful and fun methods for accomplishing these goals is to take UT Dallas' chess in the classroom courses. Studies in K-12 classrooms have shown a correlation between chess instruction and an increase in reading and other cognitive skills. At UT Dallas, we help educators realize all that chess has to offer in the classroom environment. Whether by our top rated chess team, chess club or online graduate and undergraduate classes, we provide the tools teachers need to reach their goals.

The Chess Online program is a sequence of two for-credit, three-hour undergraduate or graduate courses.

Chess I

Chess I is designed for elementary teachers who wish to use chess examples to help students understand concepts in reading, math and problem solving, and chess teachers who wish to incorporate additional academic and humanistic curriculum goals. Instructor: Dr. Alexey Root.

ED 4358: Chess I - Using Chess in Elementary Schools (undergraduate)

ED 5344: Chess I - Chess in the Elementary School Curriculum (graduate)

Chess II

Chess II is designed in consideration of the cultural role of chess as a combination of game, art, sport and science using the interdisciplinary methods of the arts and humanities. This course also will explore practical resources available from local and national chess organizations, foundations and associations for teachers introducing chess into their classrooms. Instructor: Dr. Alexey Root.

ED 4359: Chess II - Using Institutional & Cultural Contexts of Chess (undergraduate)

ED 5345: Chess II- Using Institutional & Cultural Contexts of Chess (graduate)



For more information, contact: Michele Brown michelebrown@utdallas.edu 972-883-2323

Page 12

Acknowledgments

The University of Texas at Dallas

David Daniel, President Hobson Wildenthal, Executive Vice President and Provost Abby Kratz, Associate Provost George Fair, Dean of Interdisciplinary Studies Dennis Kratz, Dean of Arts and Humanities

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