

“Understanding Outstanding Outreach from Local to Global: How Can Small Starts Utilize Multiple Mediums to Make a Large Difference?”

Dr. Larry Lesser <http://www.math.utep.edu/Faculty/lesser/>

Example 1: LOTTERY LITERACY

<http://www.math.utep.edu/Faculty/lesser/lottery.html>

Texas Lottery started Nov. 1992

adult ed class at UT-Austin (1993)

Featured in Austin papers, AP, CNN

Letters in Austin daily/weekly papers

article in Nov. 1997 *Spreadsheet User*

“The Gambler”

article in fall 2003 *Texas Mathematics Teacher*

article in Winter 2004 *Statistics Teacher Network*

interviews (Dec. 2005 *BottomLine Retirement*, June 2005 *Real Simple*, and

on WGST-AM, KTRH-AM, KVUE-TV, KFNC-FM)

adult ed class at UT-El Paso (2006)

Example 2: PI DAY

<http://www.math.utep.edu/Faculty/lesser/piday.html>

“American Pi” and “Circle Song”

Emery HS in March 2003 (article in fall 2004 *Texas Mathematics Teacher*)

Canutillo ES (March 2006 interview/coverage on CBS-affiliate KDBC-TV and *El Paso Times*)

Henderson MS (June 2005 *PROPS*)

University of Texas at El Paso – student union presence, pi-rade, etc.

Example 3a: MATH AND MUSIC

<http://www.math.utep.edu/Faculty/lesser/Mathemusician.html>

“one-time” class experiment 1992

Math songs 1994-now

GCTM 1999, 2000

NCTM 2001, 2004, 2006

May 2000 *Mathematics Teacher*

Autumn 2001 *Teaching Statistics*

Winter 2002 *STATS*

Example 3b: MATH/STAT AND FUN

Causeweb (2006) <http://www.causeweb.org/webinar/humor/>

<http://www.causeweb.org/resources/fun/>

Example 4: CULTURALLY RELEVANT MATHEMATICS

Talks at school assemblies (e.g., Emery HS)

City-wide talks (sponsored by educational/cultural/religious organizations)

Article in *Journal of Mathematics and Culture*, 1(1)

<http://www.ccd.rpi.edu/Eglash/nasgem/jmc/jmc.htm>

also, article in Spring 2006 *Noticias de TODOS: News from TODOS Mathematics for All:*

<http://www.todos-math.org/noticias/Noticiasv2n1Spring2006.pdf>

also, teaching mathematics/statistics for social justice

Miscellaneous Endeavors:

GENERAL LOVE OF MATH

radio scripts for NPR-station KTEP-FM:

<http://museum.utep.edu/archive/math/indexmath.htm>;

contributions to columns in general media, ranging from *Austin Chronicle* (Mr. Smarty Pants) to the *Austin American-Statesman* (Ellie Rucker, Jane Grieg)

Being the only one to bring a math topic to an interdisciplinary conference

Linea Terrarum: International Borders Conference; International Conference on Education, Labor and Emancipation; Rock and Roll Hall of Fame Summer Teacher Institute; Association of Applied and Therapeutic Humor

New Teacher Sessions <http://www.math.utep.edu/Faculty/lessor/newteacher.html>

CCTM New Teacher conference within a conference

ABC, Step-Up, TNE Induction talks
