This is the companion Web site for A Workbook for Arguments: A Complete Course in Critical Thinking, 3rd edition by David R. Morrow and Anthony Weston. This site contains exercises, activities, and resources to supplement the book.

#### CHAPTER I

- Exercise Set 1.3: Analyzing visual arguments
- Classic texts for argument analysis
  - Analyze the argument(s) in the following texts. Create a premiseand-conclusion outline and/or an argument map for each argument. For more on premise-and-conclusion outlines, see Chapter I of A Workbook for Arguments. For more on argument mapping, see Appendix III of A Workbook for Arguments.
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    - Declaration of Independence
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      [about the possibility of a war against Iraq], Sep 12, 2002
    - Additional primary sources from American history are available at Teaching American History
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    - First Section from: Immanuel Kant, Grounding for the Metaphysics of Morals, 3rd ed., translated by James W.
       Ellington (Indianapolis: Hackett Publishing Company, 1993)
    - Chapter IV from: John Stuart Mill, Utilitarianism, edited by George Sher (Indianapolis: Hackett Publishing Company, 2002)

# CHAPTER II

- Resources for learning about statistics
  - Online resources

- Introduction to Descriptive Statistics, a free, online introductory-level college course in statistics for describing data
- Introduction to Inferential Statistics, a free, online introductory-level college course in statistics for making inferences from data
- Watch videos about and practice using statistics from the Khan Academy
- A statistics tutorial from StatTrek
- Online Statistics: An Interactive Course of Study
- The Glossary of Mathematicals Mistakes, which catalogues statistical and other mathematical errors
- Books
  - How to Lie with Statistics
  - Flaws and Fallacies in Statistical Thinking
  - How Charts Lie: Getting Smarter about Visual Information

# CHAPTER III

Debate-related web sites

# CHAPTER IV

- Citation style quides
- Sites containing user-contributed answers to questions
- Resources relevant to Google Scholar
  - About Google Scholar
  - Video tutorial on Google Scholar
- Tips for searching databases to find good sources

## CHAPTER V

Tyler Vigen's web site on spurious correlations identifies statistics that are correlated but (seemingly?) causally unrelated. For an amusing way to practice brainstorming explanations for correlations, see if you can come up with semi-plausible explanations of the correlations identified on the web site.

## CHAPTER VI

- o Resources for learning about deductive logic
  - Online textbooks and web sites on deductive logic:
    - P.D. Magnus' forall x, a free introductory textbook
    - David Velleman's blogic, a free, interactive online textbook
    - Stefan Waner & Steven R. Costenoble's Introduction to Logic, a free, somewhat interactive online textbook
    - Garth Kemerling's web site on categorical, symbolic, and informal logic
  - Online videos explaining deductive logic:
    - A <u>series of videos on categorical logic</u>

- Jason Campbell's <u>series of videos on propositional deductive</u> <u>logic</u>
- Another <u>series of videos on propositional deductive logic</u>

#### CHAPTER VII

 Download this Word document template for organizing your research. Use it to organize arguments for and against the various positions you are considering, along with supporting arguments and objections.

## CHAPTER VIII

- Debate-related web sites
  - CreateDebate
  - debate.org
  - Debatepedia

## CHAPTER IX

- Exercise Set 9.5: Evaluating oral presentations
- Advice for creating visual aids
  - Using Visual Aids (University of Leicester)
  - <u>Tips for Making Effective PowerPoint Presentations</u> (National Conference of States Legislatures)
  - 16 Online Tools for Designing a Beautiful Visual Aid

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- Resources for improving public speaking skills
  - Six Minutes, a public speaking and presentation skills blog
  - Toastmasters International, a network of clubs devoted to improving members' public speaking skills

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- Sites containing videos of oral arguments
  - Note that some of the videos on these sites do not contain arguments. Watch videos on topics that interest you and ask yourself which of them contain arguments. If the speaker in a video isn't presenting an argument, ask yourself what he or she is trying to accomplish in the presentation.
  - TED.com
  - fora.tv
  - bloggingheads.tv

## CHAPTER X

- Resources related to promoting civil dialogue
  - Find organization near you that promote in-person civil dialogue
  - A video discussing free speech and civil dialogue online and on campus

#### APPENDIX I

Books and web sites devoted to fallacies

- Web sites about fallacies:
  - The Fallacy Files
  - Don Lindsay's list of fallacies
  - An online "handout" on fallacies from the University of North Carolina, including a link to fallacy-ridden sample argument
  - Textbooks on fallacies:
    - An Illustrated Book of Bad Arguments, 2nd ed., Ali
      Almossawi (New York: JasperCollins, 2014)
    - How to Win Every Argument: The Use and Abuse of Logic, 2nd ed., Madsen Pirie (London: Bloomsbury, 2015)
    - Nonsense, Robert J. Gula (Mount Jackson, VA: Axios Press, 2002)
    - Fallacies and Argument Appraisal, Christopher W. Tindale (Cambridge: Cambridge University Press, 2007), an advanced survey of various fallacies
- Resources related to promoting civil dialogue
  - Find organization near you that promote in-person civil dialogue
  - A video discussing free speech and civil dialogue online and on campus
- Resources to improve your public speaking
  - Six Minutes, a public speaking and presentation skills blog
  - Toastmasters International, a network of clubs devoted to improving members' public speaking skills
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  - Online resources
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    - Introduction to Inferential Statistics, a free, online introductory-level college course in statistics for making inferences from data
    - Watch videos about and practice using statistics from the Khan Academy
    - A statistics tutorial from StatTrek
    - Online Statistics: An Interactive Course of Study
    - The Glossary of Mathematicals Mistakes, which catalogues statistical and other mathematical errors
  - Books
    - How to Lie with Statistics
    - Flaws and Fallacies in Statistical Thinking
    - How Charts Lie: Getting Smarter about Visual Information

- Classic texts for argument analysis
  - Analyze the argument(s) in the following texts. Create a premise-and-conclusion outline and/or an argument map for each argument. For more on premise-and-conclusion outlines, see Chapter I of A Workbook for Arguments. For more on argument mapping, see Appendix III of A Workbook for Arguments.
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- Web sites containing user-contributed answers to questions
  - Yahoo! Answers
  - Quora
  - Mahalo Questions
  - Answerbag
- Web sites containing videos of oral arguments

- Note that some of the videos on these sites do not contain arguments. Watch videos on topics that interest you and ask yourself which of them contain arguments. If the speaker in a video isn't presenting an argument, ask yourself what he or she is trying to accomplish in the presentation.
- TED.com
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## APPENDIX II

There are no online resources for Appendix II at this time.

## APPENDIX III

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- Resources for learning about argument mapping
  - Carnegie Mellon's list of argument mapping software
  - Argunet, a blog about argument theory with links to some argument mapping resources

# PART 3: CRITICAL THINKING ACTIVITIES

- o <u>9/11 Conspiracy Theory Evaluation</u>
- o Recognizing Reliable Web Sources
- o Thinking Critically about Wikipedia

## Resources

This page contains a thematic list of resources related to A Workbook for Arguments.

- Advice for creating good visual aids for presentations
  - Using Visual Aids (University of Leicester)
  - <u>Tips for Making Effective PowerPoint Presentations</u> (National Conference of States Legislatures)
  - 16 Online Tools for Designing a Beautiful Visual Aid
- Argument mapping resources
  - Carnegie Mellon's list of argument mapping software
  - Argunet, a blog about argument theory with links to some argument mapping resources
- Citation style guides
  - O APA citation style online video tutorial
  - Chicago Manual of Style citation guick guide
  - MLA citation style quick guide from the Writing Center at George Mason University
  - MLA Citation Style Quick Guide from the MLA
  - Online citations guides for APA, Chicago, and MLA from Purdue University's Online Writing Lab
  - Books on citation styles:
    - Publication Manual of the American Psychological Association (APA)
    - Chicago Manual of Style, 17th edition (hard copy)
    - Chicago Manual of Style (online)
    - Harvard "Bluebook"
    - MLA Handbook for Writers of Research Papers
    - Kate Turabian's A Manual for Writers of Research Papers, Theses, and Dissertations: Chicago Style for Students and Researchers (Ninth Edition)

- Charles Lipson's Cite Right: A Quick Guide to Citation Styles— MLA, APA, Chicago, the Sciences, Professions, and More (Third Edition)
- Gordon Harvey's Writing With Sources: A Guide for Students (3rd edition)
- Web sites where users participate in debates
  - o CreateDebate
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