

## ***Takeshi Yanagiura***

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### **Summary**

As an experienced higher education policy analyst with a wide variety of programming, data manipulation, and statistical analyses, including quasi-experimental techniques, I am well attuned to the policy uses of my work and can express complex ideas effectively in a practical context at national, state, and institutional levels.

### **Education:**

M.A. in Higher Education. (October 2005). University of Minnesota, Minneapolis, MN.

Bachelor of Economics. (March 2001). Soka University, Tokyo, Japan

### **Professional Experience:**

#### Feb. 2013 – Present

Director of Research, Postsecondary Analytics, Washington, D.C.

- Lead research and analysis initiatives to support clients to improve their policy effectiveness in student access and success.
- Develop business plans to expand the firm's growth in the global higher education market.

#### Sep. 2011 – Jan. 2013

Institutional Research Analyst, Univ. of the District of Columbia – Community College, Washington, DC

- Developed the institutional research division within the college and improved the analytic capability of the institution.
- Oversaw all aspects of data and research activities, including data gathering, cleaning, reporting, analysis & research, and the quality assurance of the database.
- Assisted policy development in academic affairs, student affairs, and budget & finance division of the college.
- Conducted program evaluation for college's grants and student success initiatives as an internal evaluator.

#### Oct. 2007 – Aug. 2011

Director of Research, Tennessee Higher Education Commission (THEC), Nashville, TN

- Responsible for fiscal analysis of Tennessee's lottery education scholarship program with an annual budget of \$300 million as a liaison between the legislative branch and THEC.
  - My analysis resulted in two important legislative decisions in 2011: 1) the expansion of scholarship into summer term (previously available for fall and spring terms only) and 2) capping financial aid eligibility at 120 cumulative credit hours.

- Assisted in the development of the Tennessee Higher Education Master Plan 2010-15.
  - Developed **Tennessee's student flow model**, which simulates enrollment and completion projection up to 2015 for each system in the state. This tool helped the state leaders set the numeric goal of degree completion.
  - My work was introduced at an OECD international conference as an exemplary work that influenced decision making through data.
- Conducted a number of short-term and long-term research projects in the area of Access, Success, and Workforce Development.

Aug. 2005 – Oct. 2007

Data Analyst, State Higher Education Executive Officers, Boulder, CO

- Served as a principal contributor for SHEEO's annual State Higher Education Finance study which analyzed levels of public support for higher education on a per student basis over the past quarter century.

Dec. 2003 – Jul. 2005

Graduate Research Assistant, Midwestern Higher Education Compact, Minneapolis, MN.

Sep. 2003 – Jun. 2005

Institutional Research Intern, Minneapolis Community and Technical College, Minneapolis, MN.

### **Relevant Consulting Experience**

June 2012 – Sep. 2012

Project Title: "***Indiana Financial Aid Program Evaluation***"

Client: Indiana Commission for Higher Education, Indianapolis, Indiana.

Project Partner: Nate Johnson (HCM Strategists)

- Analyzed the impact of state's need-based aid programs on college retention and graduation.
- Provided 5, 10, and 20-year projections of program expenditures and recipients.

Deliverable URL:

[http://www.in.gov/che/files/2012-09-12\\_Indiana\\_Financial\\_Aid\\_Program\\_Evaluation.pdf](http://www.in.gov/che/files/2012-09-12_Indiana_Financial_Aid_Program_Evaluation.pdf)

July, 2012

Project Title: "***Institutional Research Consulting***"

Client: Tokyo Metropolitan University, Tokyo, Japan

- Provided the client with a consulting service to design a roadmap for the development of institutional research and an optimal database environment that will maximize the utility of the IR function.

Oct. 2011 – Dec. 2011

Project Title: "***Attrition Cost Project***"

Client: Delta Cost Project, Washington DC.

- Developed the Attrition Cost Model program that estimates the cost of student attrition for a state's higher education system. Programmed with SAS, this model allows users to instantly

calculate the cost of attrition and the cumulative attrition rate that is based on the most recent retention and graduation behaviors of students. Also delivered a step-by-step user guide for this program.

Deliverable URL: <http://www.deltacostproject.org/resources/pdf/Delta-Cost-State-Attrition-Manual.pdf>

### **Selected Policy Reports**

Tennessee Higher Education Commission. (2011). Tennessee Education Lottery Scholarship Special Reports. Nashville, TN. First-authored four independent studies in the report: 1) “Impact of Provisional Renewal Rule”, 2) “Impact of the Lower GPA Requirement at the 48 Hour Benchmark on College Retention”, 3) “Lottery Scholarship and Affordability”, and 4) The General Assembly Merit Scholarship and its Outcomes.  
<http://www.tn.gov/thec/Divisions/Commission/commissionmeetings/Archives/2011/winter/II.B.%202011%20Lottery%20Report%202011-01-20.pdf>

**Yanagiura, T.** (2010). *Developing a Student Flow Model to Project Higher Education Degree Production for State-level Strategic Planning*. Presented at the Biannual Conference for the Organisation for Economic Co-operation and Development (OECD). Paris, France

**Yanagiura, T.** (2010). College-going Rate of Tennessee Public High School Graduates. Nashville, TN: Tennessee Higher Education Commission.  
<http://thecdata.state.tn.us/CollegeAccess/%28S%28smlize3gbemoai45ixkrchqv%29%29/Download/FullReportFall09.pdf>

Gianneschi, M. & **Yanagiura, T** (2007, March) State Higher Education Finance FY 2006. Boulder, CO: State Higher Education Executive Officers.  
<http://www.sheeo.org/finance/shef07.pdf>

Lenth, C., Lingenfelter, P.E., Wright, D.L., & **Yanagiura, T.** (2006, October) State Higher Education Finance FY 2005. Boulder, CO: State Higher Education Executive Officers.  
<http://www.sheeo.org/finance/SHEF%20FY05%20full.pdf>

### **Past Research Presentations**

**Yanagiura, T.** (June 2012). *Freshmen Retention Calculator*. ACCUPLACER National Conference (hosted by CollegeBoard), San Francisco, CA.

**Yanagiura, T.** (May 2011). *Policy Evolution in Tennessee’s Lottery Scholarship Program: Institutional Research in Political Environment*. Annual Forum of Association for Institutional Research, Toronto, Canada.

**Yanagiura, T.** and Sanford, T. (November 2010). *The Effect of College on Life-time Earning in Tennessee*. Tennessee College Access and Success Conference, Chattanooga, TN.

**Yanagiura, T.** (October, 2010). *Cost-Benefit Analysis of State’s Merit-Based Scholarship Using a Binary Logistic Regression*. Society for Benefit-Cost Analysis Annual Conference, Washington, D.C.

**Yanagiura, T.** (September, 2010). *Developing a Student Flow Model to Project Higher*

- Education Degree Production For State-level Strategic Planning.*** Organisation for Economic Co-operation and Development (OECD) Institutional Management in Higher Education (IMHE) 2010 General Conference, Paris, France.
- Yanagiura, T.** (September, 2010). ***Impact of the Change in Scholarship Renewal Requirements on College Retention.*** Southern Association for Institutional Research (SAIR) Annual Conference. New Orleans, LA.
- Yanagiura, T.** (November, 2009). ***Promoting College-going Culture across the State – Job Opportunity Calculator for High School Graduates.*** 2009 Tennessee College Access and Success Conference. Chattanooga, TN.
- Yanagiura, T. & Wright., D.L.** (July, 2009). ***A Simulation Tool for Projecting Enrollments and Graduates at the State Level: Building a Statewide Strategic Plan to Increase Degree Productivity.*** 24th Annual ACT Enrollment Planners Conference. Chicago, IL.
- Yanagiura, T. & Wright., D.L.** (June, 2009). ***Demonstration of a Simulation Tool for Projecting Enrollments and Graduates at the State Level.*** Association for Institutional Research (AIR) Annual Conference. Atlanta, GA.
- Yanagiura, T.** (June, 2009). ***Understanding Determinants of Student Satisfaction in Tennessee Public Universities: Using the National Survey of Student Engagement for State Higher Education Policy.*** Association for Institutional Research (AIR) Annual Conference. Atlanta, GA.
- Yanagiura, T.** (May, 2009). ***Developing a Student Flow Model to Project Higher Education Degree Production: Technical and Policy Consideration.*** State Higher Education Executive Officers/National Center for Education Statistics Network Conference. New Orleans, LA
- Yanagiura, T.** (December, 2008). ***Understanding Determinants of Student Satisfaction in Tennessee Public Universities: Using the National Survey of Student Engagement for State Higher Education Policy.*** Southern Association of Colleges and Schools (SACS) 2008 Annual Meeting. San Antonio, TX.
- Mizuta, K. & Yanagiura, T.** (November, 2008). ***Policy Analysis of the Effectiveness of the National University Corporation Act in Japan: What has changed since 2004?*** Association for the Study of Higher Education (ASHE) Annual Conference. Jacksonville, FL.
- Yanagiura, T.** (October, 2008). ***GPA Predictor.*** 2008 Southern Association for Institutional Research (SAIR) Annual Conference. Nashville, TN.
- Yanagiura, T.** (August, 2008). ***How to Improve Student Satisfaction in Tennessee Public Universities: Findings from the National Survey of Student Engagement 2006.*** 2008 Tennessee Association for Institutional Research (TennAIR) Annual Conference. Nashville, TN.
- Yanagiura, T., Parmley, K., & Folwel, J.** (November, 2007). ***The State of Higher Education Finance in Northeast FY 2006.*** North East Association for Institutional Research (NEAIR) Annual Conference. New Brunswick, NJ.
- Yanagiura, T.** (2006, October). ***Using IPEDS for Instructional Cost Analysis in States***

*and Institutions*. 2006 Rocky Mountain Association for Institutional Research (RMAIR) Conference. Park City, UT.

**Yanagiura, T.** & Wright, D.L. (2006, October). *Heading South: The State of Higher Education Finance in Fiscal 2005*. Southern Association for Institutional Research (SAIR) 2006 Conference. Arlington, VA

**Yanagiura, T.** (2006, August). *SHEF and IPEDS Annual FTE Data Comparative Study*. 2006 SHEEO Professional Development Conference. Chicago, IL.

Paulson, K., **Yanagiura, T.**, et.al. (2006, March). *Community College Finance*. Community College Finance Symposium at the State Higher Education Policy Center, Boulder, CO.

### Awards

NCES Cooperative System Fellows Program, 2009  
Program Fellow, National Center for Education Statistics, Washington, D.C.

National Center Associates, 2006-07  
Member, National Center for Public Policy and Higher Education, CA

Jeanne L. Higbee Award for Developmental Education Research, 2005  
Center for Research on Developmental Education and Urban Literacy, General College, University of Minnesota

Research Project Title: “**Late Comers and Developmental Education**”

Association for Institutional Research in the Upper Midwest Conference Scholarships, 2004  
Association for Institutional Research in the Upper Midwest

### Technical Skills

Advanced: MS SQL Server, Oracle PL/SQL, SPSS, MS Access, Excel, Word, PowerPoint  
Intermediate: SAS, R  
Beginner: LISREL

### Statistical Techniques

Generalized Linear Model, Factor Analysis, Path Analysis, Structural Equation Modeling, Propensity Score Matching, and Regression Discontinuity.