

# Tracking Health Careers Outcomes Using the National Student Clearinghouse

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Area Health Education Center (AHEC) Branch

AHEC Training and Consultation Center (A-TrACC)

# How to show the impact of AHEC?

- Wouldn't it be nice if we could document...
  - *If students went to college*
  - *If students graduated from college*
  - *If students went on to medical, dental, etc., school?*

# Measures

- Ultimate Measure: Licensure Data
  - Profession
  - Practice Location
- Intermediate Measures: College Data
  - Enrollments
  - School, Major, Graduated?

## CORE Milestones

High  
School  
Graduation

College/Post  
HS Ed.  
Matriculation

Health  
Science Ed.  
Matriculation

Health  
Science Ed.  
Graduation

Practice/job in  
AHEC Service  
Area

Retention in  
AHEC  
Service  
Area

# What is the National Student Clearinghouse?

- Nation's trusted source for student degree and enrollment verification
- Central repository and single point of contact for the collection and timely exchange of accurate, comprehensive enrollment, degree, diploma, and certificate records
- Contains more than 110 million student records
- More than 3,300 college, enrolling 92% of the US college students

# Who can use it

- Outreach programs (like AHEC) can use the Student Tracker portion of the National Student Clearinghouse to accurately track the postsecondary enrollment and degrees of their program participants nationwide.

## Key questions answered

- Where did my program's former participants enroll in college?
- How long did their educational efforts persist?
- Did they transfer between colleges?

## Key questions answered

- Did they receive a college degree? If so, which degree?
- Where did they graduate from college?
- What was their college major?

# How the NSC System Works

- Get Account Set Up with the National Student Clearinghouse
  - Service Agreement and User Access Forms
  - Pay a fee
- Individual Student record
- Batch process



National Student Clearinghouse: Degree verification & enrollment verification  
<http://www.nationalstudentclearinghouse.com/default.asp>

# NATIONAL STUDENT CLEARINGHOUSE®

The nation's trusted source for student degree and enrollment verification.™

<b>USER LOGIN</b>	<b>Colleges &amp; Universities</b>	<b>High Schools &amp; Districts</b>	<b>Students &amp; Alumni</b>	<b>Guarantors, Lenders &amp; Servicers</b>	<b>Degree &amp; Enrollment Verifiers</b>
User Name <input type="text"/>					
Password <input type="password"/>					
<a href="#">Forgot password?</a>	<a href="#">▶ Audit Resource Center</a>	<a href="#">▶ FTP Login</a>	<a href="#">▶ About Us</a>	<a href="#">▶ Careers</a>	<a href="#">▶ Contact Us</a>
					<input type="text"/> <input type="button" value="Search"/>

**Order or Track a Transcript**

[▶ Participating Schools](#)

[▶ Join & Save](#)

**Verify a Degree, Past Attendance or Certification**

[▶ Participating Schools](#)

[▶ Certification Providers](#)

[▶ Join & Save](#)

**Verify Current Enrollment**

[▶ Participating Schools](#)

[▶ Join & Save](#)

**Clearinghouse Schools**

[▶ Full list of participating schools](#)

[▶ Electronic Transcript Exchange Registry](#)

**92%** of US college students attend Clearinghouse schools

- ▶ Announcements**
- [▶ StudentTracker for Outreach Programs](#)
  - [▶ Loan Deferments for Active Duty Military Personnel](#)
  - [▶ Press Releases](#)

# Individual Participants

- Consent to obtain post-secondary information

# Consent Based vs. Non Consent-Based

- Do you have written authorization from a parent to use his/her child's Social Security Number for tracking purposes?
- SSN v. Name/Birth-date
- What is the advantage of using SSN's to track?

## Sample Consent Language (South Carolina AHEC )

“My signature authorizes South Carolina AHEC and the regional AHEC Centers (Lowcountry AHEC, Mid-Carolina AHEC, Pee Dee AHEC, and Upstate AHEC) to release information from this application and letters of reference as they may deem appropriate. It also authorizes the use of my/my child’s image and statements. Additionally, I grant South Carolina AHEC permission to use my child’s personally identifiable information for the purposes of federal, state and grant tracking and reporting. I also give my explicit permission for the South Carolina AHEC and its regional AHEC sites to use my or my child’s image. Uses include, but are not limited to: photography, videotape, organizational web site, or print media.”

# National Student Clearinghouse

## Outreach Program Inquiries

[About Us](#) [Contact Us](#) [Home](#)

Home [Logoff](#)

Welcome to StudentTracker for Outreach Programs.

Using this screen, authorized personnel can obtain information regarding the post-secondary enrollment of their program's current or former participants.

Do you have the student's written consent to obtain post-secondary enrollment information?

Yes  No

Please enter the first name, last name and date of birth for the student below.

Items in red (\*) are required.

Name: \*     
*First Name\** *M.I.* *Last Name\**

Date of Birth: \*   
*mm/dd/yyyy (with or without slashes)*

Submit

Resource Center  
[Contact Us](#)



# National Student Clearinghouse

## No Student Consent

[About Us](#) [Contact Us](#) [Home](#)

Home

[Logoff](#)

All enrollment and degree data is as provided by the school.

As of 03/15/2011

Name: MARYANN FORSELL

Term Begin	Initial Status	Highest Status	School Code	School Name	School Type
08/25/2010	Full Time	Full Time	002540-00	COLLEGE OF SAINT MARY	4 year or higher institution
08/24/2009	Less Than Half Time	Half Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution

[Next Inquiry >>](#)

As of 03/15/2011

Name: KYLE SMITH

**INFORMATION VERIFIED**

**Name On School's Records:** KYLE ANTHONY SMITH  
**Date Awarded:** 08/18/2007  
**Degree Title:** BACHELOR OF SCIENCE  
**Official Name of School:** UNIVERSITY OF NEBRASKA-LINCOLN

**Major Course(s) of Study** (and NCES CIP Code, if available): BIOLOGICAL SCIENCES 260101  
**Minor Course(s) of Study** (and NCES CIP Code, if available): PSYCHOLOGY 420101

**Academic Honors:** HIGH DISTINCTION

Term Begin	Initial Status	Highest Status	School Code	School Name	School Type
08/25/2008	Full Time	Full Time	006895-00	UNIVERSITY OF NEBRASKA MEDICAL	4 year or higher institution
08/22/2005	Enrolled	Enrolled	002565-00	UNIVERSITY OF NEBRASKA-LINCOLN	4 year or higher institution
01/10/2005	Less Than Half Time	Less Than Half Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution
01/10/2005	Enrolled	Enrolled	002565-00	UNIVERSITY OF NEBRASKA-LINCOLN	4 year or higher institution
01/10/2005	Less Than Half Time	Less Than Half Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution
01/10/2005	Enrolled	Enrolled	002565-00	UNIVERSITY OF NEBRASKA-LINCOLN	4 year or higher institution
01/10/2005	Less Than Half Time	Less Than Half Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution
01/10/2005	Enrolled	Enrolled	002565-00	UNIVERSITY OF NEBRASKA-LINCOLN	4 year or higher institution
01/10/2005	Less Than Half Time	Less Than Half Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution
08/23/2004	Enrolled	Enrolled	002565-00	UNIVERSITY OF NEBRASKA-LINCOLN	4 year or higher institution
08/23/2004	Enrolled	Enrolled	002565-00	UNIVERSITY OF NEBRASKA-LINCOLN	4 year or higher institution
08/23/2004	Enrolled	Enrolled	002565-00	UNIVERSITY OF NEBRASKA-LINCOLN	4 year or higher institution
08/16/2004	Less Than Half Time	Less Than Half Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution
08/16/2004	Less Than Half Time	Less Than Half Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution
05/24/2004	Full Time	Full Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution
08/25/2003	Enrolled	Enrolled	002565-00	UNIVERSITY OF NEBRASKA-LINCOLN	4 year or higher institution
08/20/2001	Less Than Half Time	Less Than Half Time	011667-00	NORTHEAST COMMUNITY COLLEGE	2 year institution

# Questions



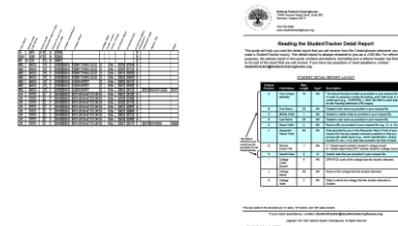
We will now open the phone lines and answer a few questions.

Remember to write your questions in the question pod on the left.

# Batch Submission

- Batch Submission
- Create an excel file according to NSC instructions.
- Save as .txt file.
- Upload to ftp site <https://ftps.nslc.org/> (Note: requires separate login from regular NSC site).
- 2-3 days for turnaround (email notice).
- Download results file from same site.

# Sample NSC Return File



First Name	Middle Initial	Last Name	Name Suffix	Requester Return Field	Record Found Y/N	Search Date	College Code/Branch	College Name	College State	2-year / 4-year	Public / Private	Enrollment Begin	Enrollment End	Enrollment Status	Graduated?	Graduation Date	Degree Title	Major
JOE		SMITH	JR	785_	N	20030820								N				
SUSAN		JONES	JR	833_	N	20030819								N				
MIKE	M	COOK		1212_	N	19900517								N				
MABLE		MARCUS		1376_	Y	20030930	003992-00	PIEDMONT TECHNICAL COLLEGE	SC	2	Public	20070528	20070810	H	N			
MABLE		MARCUS		1376_	Y	20030930	003992-00	PIEDMONT TECHNICAL COLLEGE	SC	2	Public	20070823	20071212	L	N			
MABLE		MARCUS		1376_	Y	20030930	003992-00	PIEDMONT TECHNICAL COLLEGE	SC	2	Public	20080114	20080523	H	N			
MABLE		MARCUS		1376_	Y	20030930	003992-00	PIEDMONT TECHNICAL COLLEGE	SC	2	Public	20090526	20090807	H	N			
MABLE		MARCUS		1376_	Y	20030930	003425-00	CLEMSON UNIVERSITY	SC	4	Public	20080820	20081213	F	N			
MABLE		MARCUS		1376_	Y	20030930	003425-00	CLEMSON UNIVERSITY	SC	4	Public	20090107	20090502	F	N			
MABLE		MARCUS		1376_	Y	20030930	003425-00	CLEMSON UNIVERSITY	SC	4	Public	20090819	20091212	F	Y	20091212	BACHELOR OF SCIENCE	BIOLOGY
JOHN		PORTER		237_	Y	20041004	002905-00	NORTH CAROLINA A&T STATE UNIV	NC	4	Public	20060821	20061205	F	N			
JOHN		PORTER		237_	Y	20041004	002905-00	NORTH CAROLINA A&T STATE UNIV	NC	4	Public	20070108	20070509	F	N			
JOHN		PORTER		237_	Y	20041004	002905-00	NORTH CAROLINA A&T STATE UNIV	NC	4	Public	20070820	20071214	F	N			
JOHN		PORTER		237_	Y	20041004	002905-00	NORTH CAROLINA A&T STATE UNIV	NC	4	Public	20080107	20080507	F	N			
JOHN		PORTER		237_	Y	20041004	002905-00	NORTH CAROLINA A&T STATE UNIV	NC	4	Public	20080519	20080804	H	N			
JOHN		PORTER		237_	Y	20041004	002905-00	NORTH CAROLINA A&T STATE UNIV	NC	4	Public	20080818	20081212	F	N			
JOHN		PORTER		237_	Y	20041004	002905-00	NORTH CAROLINA A&T STATE UNIV	NC	4	Public	20090108	20090508	F	N			
JOHN		PORTER		237_	Y	20041004	002905-00	NORTH CAROLINA A&T STATE UNIV	NC	4	Public	20090817	20091211	F	Y	20091211	BSN IN NURSING	NURSING

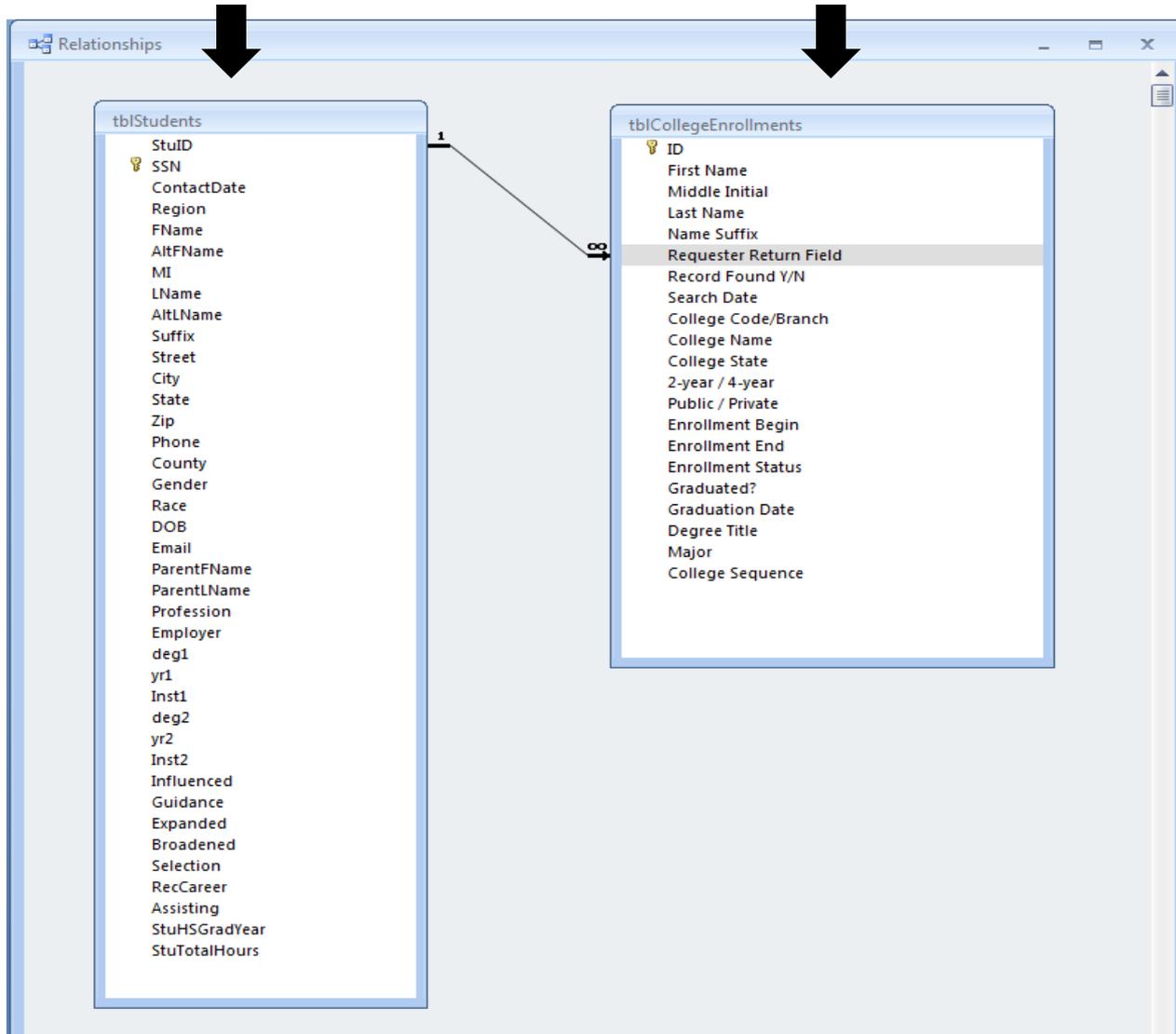
# Database Integration

- Student Table Fields:
  - Primary Key ID field (or SSN) to Link Your Student Records with NSC Enrollments
  - First Name, Middle Name, Last Name, Birthdate
  - SSN
  - “Consent On File?” Field (If Using SSNs)
  - School, Major, Graduated? etc. (Enables Enrollments Table to be Deleted After Student Table has Been Updated)

# \*\*\* Key to Integrating NSC Data is the “Requester\_Return\_Field”

AHEC Table

NSC Table



# Initial Results

- Analysis
  - Batch 1: as entered
  - Batch 2: non-matched records with manually entered name variants (e.g. Christopher for Chris, Jennifer for Jenny)
  - 2004 former students
    - 1342 with enrollment records out of 2004 (67%)
    - 310 number of graduates out of 1342 found (23%)
    - 153 number of presumed health profession majors out of 310 graduates (49%)

## Student Outcomes as Measured Against NSC Enrollment Records

By High School Graduation Year

HS Grad Year	Total Students (Bdate >= 1/1/1980)	Students matched against NSC	Matched/Total Students	Graduates	Graduates/Matched	Matched, Graduated, HP Major	Health Profession Major/Graduates
1998	4	1	25.00%	1	100.00%	1	100.00%
1999	6	6	100.00%	4	66.67%	1	25.00%
2000	18	15	83.33%	12	80.00%	6	50.00%
2001	24	21	87.50%	18	85.71%	12	66.67%
2002	53	46	86.79%	36	78.26%	21	58.33%
2003	114	82	71.93%	38	46.34%	17	44.74%
2004	328	249	75.91%	99	39.76%	53	53.54%
2005	403	293	72.70%	79	26.96%	31	39.24%
2006	344	253	73.55%	17	6.72%	8	47.06%
2007	243	127	52.26%	6	4.72%	3	50.00%
2008	312	185	59.29%				
2009	99	61	61.62%				
2010	42	3	7.14%				
2011	12						
2012	1						
2018	1						
All Years	2004	1342	66.97%	310	23.10%	153	49.35%

## Student Outcomes as Measured Against NSC Enrollment Records

By Hours of Activities Taken

Hours Taken	Total Students (Bdate >= 1/1/1980)	Students matched against NSC	Matched/Total Students	Graduates	Graduates/Matched	Matched, Graduated, HP Major	Health Profession Major/Graduates
Hours <10	1559	1000	64.14%	214	21.40%	110	51.40%
Hours >=10 and <50	244	161	65.98%	26	16.15%	9	34.62%
Hours >=50 and <100	70	64	91.43%	33	51.56%	12	36.36%
Hours >=100 and <150	44	41	93.18%	13	31.71%	7	53.85%
Hours >=150	87	76	87.36%	24	31.58%	15	62.50%
Totals	2004	1342	66.97%	310	23.10%	153	49.35%

# National Student Clearinghouse Strengths

- Affordable
- Easy to Integrate
- National
- Large database of colleges/universities
- Strong indicator of student outcomes

## Weakness

- Some colleges/universities do not participate
- Students can elect to keep his/her enrollment records private
- Name changes, nicknames, misspellings can be a problem
- Difficulty classifying majors with careers

# HRSA Contact

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