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## ABSTRACT

Since the release of the 2011 IOM report, nurse educators have examined new ways to produce a more highly educated nursing workforce to advance population health. In its more recent 2016 report, *Assessing Progress on the Institute of Medicine Report the Future of Nursing*, the National Academies of Sciences, Engineering and Medicine (NASEM, formerly the IOM) found that community college-university partnerships significantly increased access to and affordability of the BSN degree.

In Maryland, one of the earliest efforts (2011) to explore a partnership for academic progression occurred during meetings between the Community College of Baltimore County (CCBC) and Towson University. By fall 2012, CCBC and Towson University simultaneously admitted the first pilot cohort of 17 students into its dual enrollment Associate to Bachelor's or "ATB" Nursing Degree Option. By fall 2015, three additional universities (Stevenson University, Notre Dame of Maryland University and Frostburg State University) admitted their first ATB students and 41% of CCBC's first semester nursing students (61 out of 149) were dually enrolled. NSP II funding continues to support CCBC's 2020 goal to create a culture of academic progression by connecting 80% of its ADN students to a BSN program by the time of graduation. By spring 2019, more than 700 CCBC students have participated in ATB since the model launched.

Now, with more than six years of experience offering and managing Maryland's first dual enrollment undergraduate academic progression model, CCBC's leaders of the ATB Option wish to share outcomes, successes and challenges associated with this highly promising model.

## OBJECTIVES

1. Identify outcomes, successes and challenges associated with ATB model to date.
2. Discuss the impact dual enrollment nursing education models may have on advancing a culture of health.

## EXPLORE THE ATB

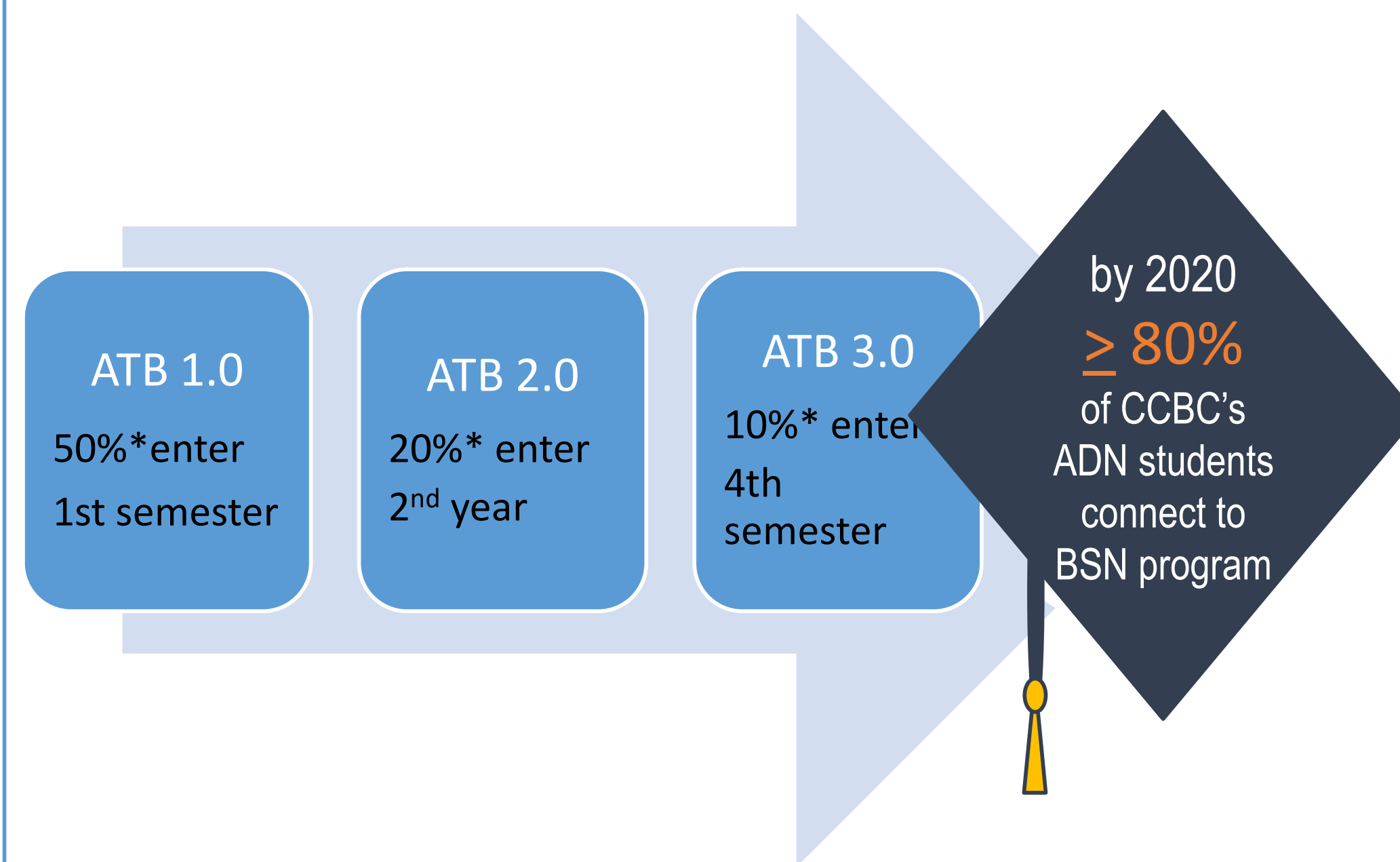
### FACULTY RESOURCE WEBSITE

<http://blog.ccbcmd.edu/atb/>

- **Launching ATB Program**
- **Establishing Partnerships**
- **Marketing/Recruiting**
- **Admitting ATB Students**
- **Supporting Students**
- **Managing ATB Program**
- **CCBC Nursing Overview**
- **ATB Sample Resources**



## KEY GOALS & FEATURES OF ATB DUAL ENROLLMENT MODEL



- Complete pre-reqs for **both** A.S. and B.S. programs
- Begin B.S. courses **while** enrolled in ADN program
- Reduce course repetition where possible
- Year round attendance
- Take NCLEX-RN upon A.S. degree completion
- Begin work as RN
- Articulation agreements – 30 credits awarded
- Complete B.S. part time **w/in six months to one year**

## OUTCOMES TO DATE

### Percent of Entering ADN Cohort Connecting to a BSN Program First Semester

Sem/Yr (Entering ADN Cohort #)	% ATB 1.0 Goal = 50%
Fa 15 (149)	40.9%
Sp 16 (102)	50%
Fa 16 (149)	45.6%
Sp 17 (113)	54.8%
Fa 17 (157)	47.7%
Sp 18 (106)	58.0%
Fa 18 (160)	56.3%
Sp 19 (123)	43.1%

**> 700 students have enrolled in ATB since inception**

## OUTCOMES TO DATE

### Percent of Entering ADN Cohort Connecting to a BSN Program Second Year

Sem/Yr (Entering ADN Cohort #)	% ATB 2.0 Goal = 20%
Fa 15 (149)	9.4%
Sp 16 (102)	14.7%
Fa 16 (149)	10%
Sp 17 (113)	5.3%
Fa 17 (157)	12.1%
Sp 18 (106)	18.9%

### Percent of Entering ADN Cohort Connecting to a BSN Program Fourth Semester

Sem/Yr (Entering ADN Cohort #)	% ATB 3.0 Goal = 10%
Fa 15 (149)	6.7%
Sp 16 (102)	5.9%
Fa 16 (149)	1.3%
Sp 17 (113)	4.4%

### Percent of Entering ADN Cohort Connecting to a BSN Program by A.S. Graduation

Sem/Yr (Entering ADN Cohort #)	Total % Connected to BSN Pathway Goal = 80%
Fa 15 (149)	57%
Sp 16 (102)	70.6%
Fa 16 (149)	56.9%
Sp 17 (113)	64.6%

**184 new ATB BSNs produced Dec '14 - '18**

## SUCCESSSES AND CHALLENGES

### Successes

- Four partner universities (148 ATB seats)
- About 50% of CCBC ADN incoming students now ATB
- Diverse population w/access to affordable BSN
- ATB students advantaged in hiring process
- Early connection to university = high retention
- Students dedicated to BSN completion
- > 700 enrolled in ATB to date
- 184 new ATB BSNs produced from Dec 2014 - 2018

### Challenges

- Time to develop ATB agreements/curricula
- Financial aid logistics
- Tracking ATB student progress
- Year-round attendance
- Different institution policies/procedures
- Securing buy-in from all college departments
- Advising pre-nursing and enrolled ATB students

## ATB: KEY TO ADVANCING A CULTURE OF HEALTH

- Educated nursing workforce needed to provide high quality care
- Potential to significantly increase number of BSNs
- Advance to graduate programs earlier → future leaders
- Diversity of ATB students better mirrors population diversity; potential to positively impact health of minority populations
- NASEM's (2016) *Assessing Progress on the IOM Report The Future of Nursing* – high praise for CC/University partnerships

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