## Initiating and Extending Institutionalization of Service-Learning

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### Abstract

Senior leadership at Ngee Ann Polytechnic in Singapore decided to make service-learning the signature pedagogy of the polytechnic and to infuse at least one service-learning module (i.e., course) in every diploma so that all students would have a service-learning experience. Evidence is provided that, in 3 years, the rapid institutionalization of service-learning met and exceeded all of Furco's (2002) dimensions for institutionalization at the quality building level, his intermediate level of institutionalization. In addition, a bold, visionary institutional strategic plan, the Service-Learning Roadmap, is presented that not only achieved this growth but also extends institutionalization beyond current models. Finally, implications and recommendations are offered to guide institutionalizing service-learning, thereby providing a model for other institutions globally.

*Keywords:* service-learning, institutionalization, civic engagement, strategic planning

et al., 1999a; Dolgon et al, 2017; engagement can be defined as Global University Network for Innovation, 2014; McIlrath et al., 2012; McIlrath & MacLabhrainn, 2007; National Task Force on Civic Learning and Democratic Engagement, 2012; Saltmarsh & Hartley, 2011; Xing & Ma, 2010). Within the American context, Boyer (1990, 1994, 1996) challenged higher education to involve students in social issues, extend classrooms into communities, expand conceptions of scholarly work, engage in institutional change, and develop symbiotic relationships with communities. The expansion of this agenda beyond the American context, in turn, challenges institutions of higher education around the world to develop their own models of civic engagement in ways that reflect unique mission statements, institutional traditions and structures, historical and cultural context, and community assets A central component of revisioning civic (e.g., Aramburuzabala et al., 2019; Furco & engagement as collaborative activities has Kent, 2019; Global University Network for been rethinking teaching in ways that in– Innovation, 2014; International Christian volve community members as coeducators

ince the early 1990s, institutions of University, 2009; Ma & Chan, 2013; Ma et higher education around the world al., 2018; McIlrath et al., 2012; McIlrath & have been exploring ways to rede- MacLabhrainn, 2007; Plater, 2017; Regina fine their public missions (Bringle & Ferrara, 2017; Xing & Ma, 2010). Civic

> active collaboration that builds on the resources, skills, expertise, and knowledge of the campus and community to improve the quality of life in communities in a manner that is consistent with the campus mission. This indicates that this work encompasses teaching, research, and service (including patient and client services) in and with the community. (Bringle et al., 2007, pp. 61–62)

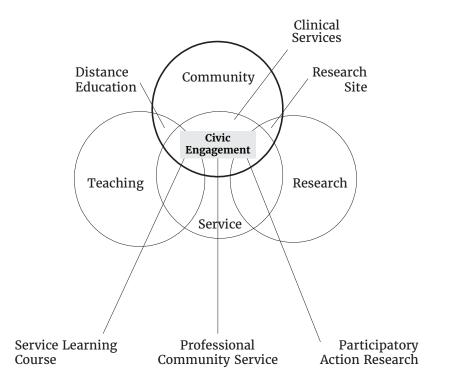
Not all activities in the community by members of the academy fit this definition of civic engagement because civic engagement is viewed as occurring not only in the community but also *with* the community.

courses that contribute to the development al., 2007; Warren, 2012; Yorio & Ye, 2012). long habits of contributing to their communities (Hatcher, 2008; Steinberg et al., 2011). Figure 1 illustrates how the traditional functions of the academy (i.e., teaching, research, service) can occur in the community and that they can overlap. (The intersections of [a] teaching, research, and service and [b] teaching and research can occur both on campus and in the community, although they are not shown in this diagram.) Service-learning is the intersection of teaching and service and has the dual purposes of benefiting the community and fostering learning.

Service-learning, which is acknowledged as being a high-impact pedagogy (Finley, 2011; Kuh, 2008), provides a salient means for revising the curriculum to advance the civic mission of higher education, expand student learning, and enrich partnerships with communities. Meta-analyses support the value added by service-learning to different domains of student learning (Celio

to design and implement service-learning et al., 2011; Conway et al., 2009; Novak et of civic-minded graduates who have life- Finley (2011) found that service-learning (vs. the other high-impact pedagogies studied) had the greatest impact on learning, general education, personal development, and practical competence. Service-learning is the merger of teaching and learning in ways that expand the learning objectives to include civic learning within the context of the curriculum; it develops ways in which students and instructors can work in and with communities to the benefit of all (Bringle et al., 1999b). Service-learning is defined as

> a course-based, credit-bearing educational experience in which students (a) participate in mutually identified and organized service activities that benefit the community. and (b) reflect on the service activity in such a way as to gain further understanding of course content, a broader appreciation of the discipline, and an enhanced sense of



### **Engagement of Faculty Work in and with the Community**

Figure 1. Civic Engagement as Faculty Work in the Community Note. Adapted from Bringle, Games, & Malloy, 1999b, p. 5.

personal values and civic responsibility. (Bringle & Clayton, 2012, pp. 114–115; adapted from Bringle & Hatcher, 1996)

As service–learning becomes more prevalent factor. Zlotkowski (1998) provided case around the world, the challenge is not only studies of different approaches taken by offering more and better service-learning different types of U.S. institutions. National courses but also institutionalizing servicelearning, which goes beyond changing the learning. The Global University Network for curriculum on a course-by-course basis and Innovation (2014) presented overviews of includes institutional and organizational work and case studies related to knowledge change to establish widespread campus support and participation. Evidence for learning for Africa, Arab States, Asia and the achieving institutionalization of servicelearning is found when

it is part of the academic culture of the institution, aligns with the mission, becomes an enduring aspect of the curriculum that is supported by more than a few faculty, improves other forms of pedagogy, leads to other forms of civic scholarship, influences faculty roles and rewards, is part of the experience of most students, and has widespread support, understanding, and involvement of students, faculty, administration, and the community. (Bringle et al., 2001, p. 93)

Based on our familiarity with the literature (e.g., Aramburuzabala et al., 2019; International Christian University, 2009; Ma & Chan, 2013; McIlrath et al., 2012; McIlrath & MacLabhrainn, 2007; Meijs et al., 2019; Regina & Ferrara, 2017; Xing & Ma, 2010) and our work on service-learning in different regions of the world, we concluded that there are only a few examples outside North America of extensive institutionalization of service-learning across a campus through a centralized campus unit.

Bringle and Hatcher (1996) in their Comprehensive Action Plan for Service Learning (CAPSL) delineated four constituencies: institution, faculty, students, and communities. For each of these constituencies, they posited the following steps for advancing institutionalization of service-learning: planning, increasing awareness, identifying prototypes, acquiring resources, initiating activities that result in expansion, providing recognition, monitoring, conducting evaluation, conducting research, and institutionalization. Steps Ngee Ann Polytechnic (NP) has a student that are taken to advance the institution- population of 14,000+ and offers 36 fullalization of service-learning and the rate time diploma courses through nine aca-

of progress are influenced by many factors, but institutional type (e.g., 2-, vs. 3-, vs. 4-year vs. graduate institution; religious; private; public comprehensive; research intensive; metropolitan) is an important and regional context also shapes serviceproduction, civic engagement, and service-Pacific, Europe, Canada and North America, and Latin America and the Caribbean. Welch and Saltmarsh (2013) analyzed reports from 100 U.S. institutions that were recognized for their community engagement and identified key characteristics of community engagement centers and the types of activities in which they engaged to achieve institutionalization.

The purpose of this article is to provide an additional case study for the institutionalization of service-learning at a polytechnic institution in a non-Western setting. This article describes why and how senior leadership at Ngee Ann Polytechnic (NP) in Singapore decided to make service-learning the signature pedagogy of the polytechnic and to infuse at least one service-learning module ("module" is NP's term for course) in every diploma (i.e., degree program) so that every student would have completed a service-learning module during their course of study. The research question was whether or not there was evidence of institutionalization using Furco's (2002) dimensions for institutionalization to support the institutional steps taken by NP and, if so, at what level of institutionalization. In addition, the evidence for institutionalization provided a basis for a bold, visionary institutional strategic plan, the Service-Learning Roadmap, which extends institutionalization beyond current models (e.g., Bringle & Hatcher, 1996, 2000; Furco, 2002; Holland, 2001). Finally, implications and recommendations will be offered to guide institutionalizing service-learning at other institutions globally.

### Background of Service-Learning at Ngee Ann Polytechnic

that goes beyond textbooks and geographi- dedicated Facebook and LinkedIn accounts), enthuse students with a love for learning modules to highlight good practices. and equip them with the skills to thrive in the workforce of the future. Three mission hallmarks that distinguish NP students are (a) a passionate learner, (b) a big-hearted person, and (c) a global smart professional. Thus, the development of service-learning In order to support the vision of NP for was aligned with NP's mission. The follow- service-learning, the Office of Serviceing sections provide a qualitative analysis of Learning (OSL) was established in October strategic steps taken to develop institution- 2016 to lead and coordinate the activities to alization of service-learning that are orga- drive service-learning in five focused areas: nized using the CAPSL model and quantita- capacity building, curriculum design, collabtive evidence for the research question on orations, communications, and developing assessing the degree of institutionalization. student champions. The staff of NP's OSL

### **Planning and Increasing Awareness**

Consistent with Bringle and Hatcher's (1996) CAPSL framework that planning is a key early activity, the idea of adopting service-learning was first mooted in ternational service-learning programs, and January 2015 as a follow-up to the Fourth two administrative support staff. Of these, NP Strategic Plan (2013-2022) to (a) develop five of the OSL staff are permanent, three a coherent and dynamic methodology that actively engages each and every student; (b) build a community of values-driven learners; and (c) create a supportive learning provided by Professor Robert G. Bringle environment that promotes experiential, of Indiana University-Purdue University interactive, and borderless learning. NP's Indianapolis and Professor William Oakes, directors of academic units were in agree- director, EPICS Program and professor of ment that service-learning would support engineering education, Purdue University. NP's graduate outcomes to produce students who are passionate learners, big-hearted In 2015, 70 staff were trained by an exterpersons, and global smart professionals. nal consultant trainer as the pioneer cohort Service-learning, if well implemented, to implement service-learning as NP's was viewed as developing students to be signature pedagogy. Twenty-four serviceresponsible, civic minded, and active citi- learning modules were rolled out in 2016 zens, as well as potential agents of social enrolling about 2,000 students, and to date, change in a world of increasing complexity 48 diplomas have at least one serviceand uncertainty. The decision was made learning module and almost 17,000 students to adopt the strategy that included the have had a service-learning module. During goal of every student having an opportu- training, instructors were introduced to nity to experience service-learning in at multiple strategies for reflection (e.g., least one module from the academic year group discussions, written products, project 2016 intake onward. A steering committee summaries, oral presentations). In addition, was set up in 2015, headed by the senior the DEAL model for critical reflection (Ash & director/projects and with representatives Clayton, 2009) was identified as one of the from various departments and schools to structured reflection models introduced to coordinate training and curriculum advise- instructional staff to facilitate reflection in ment and to start the preparatory work service-learning modules. Efforts are under to introduce the concept and pedagogy of way to train more staff to use DEAL as one service-learning to instructors. Bringle of the models for critical reflection within and Clayton's (2012) definition of service- service-learning modules. OSL is also the learning was adopted as NP's institutional centralized body at NP administering interdefinition. Communications and updates national service-learning programs. Every to both internal and external stakeholders year, close to 600 students embark on about

demic schools and various part-time pro- have been in the form of service-learning grams. NP emphasizes a holistic education collaterals, webpages, social media (such as cal boundaries. Programs are designed to enewsletters, and videos created on selected

### **Identifying Prototypes, Acquiring Resources, and Initiating Activities** That Result in Expansion

currently consists of a head, three master trainers (overseeing curriculum design and capacity building), one staff member handling communications and collaborations, one staff member managing student volunteers, one staff member managing inare seconded based on an initial term of 2 years, and one is on a fixed-term contract. In addition, key on-site consultations were

### Recognition

On March 1, 2016, service-learning as NP's signature pedagogy was officially launched with an inaugural Service-Learning Awards Ceremony to recognize the early adopters of service-learning. Three categories of awards were launched: (a) Service-Learning Student Champions Awards; (b) questions constructed to assess students' Service-Learning Student Grants; and (c) service-learning experiences has been con-Service-Learning Staff Champion Awards. ducted every semester over the past four The Service-Learning Award has been in- semesters. The survey has six questions corporated in NP's Staff Excellence Award as about students' enhanced understanding one of the award categories for instructional of module content, relevance of academic staff.

### Monitoring, Conducting Evaluation, and **Conducting Research**

In 2017, a research study, "Impact of Service-Learning With Structured Reflections on Civic Outcomes, Academic Connections and Personal Growth in Polytechnic Students," was awarded a research grant by the Ministry of Education Tertiary Research Fund to study student outcomes for service-learning in the School of Humanities & Social Sciences. The 2-year research study examined 832 student participants from eight diploma programs. Of these, 351 participated in pretest surveys when they first joined the school before embarking on any service-learning module, and a posttest survey at the end of a service-learning module (Choo et al., 2019). A Although the journey of implementing civic outcome score was measured with nine service-learning as NP's signature pedasurvey items that asked about interest in social issues, civic involvement, and involving others in communities. Results revealed that there was a significant difference in the students' perceived civic outcomes after taking the service-learning module. The 351 participants completing pretest-posttest surveys demonstrated significantly greater improvement in their civic outcomes scores in the service-learning (experimental) condition than the no-service-learning (control) condition (see Choo et al., 2019 for complete results). Key recommendations from the research included having a well-designed training program for module leaders, lecturers, and other stakeholders; supporting instructional staff in module implementation; increasing touch-points of interaction with the community; and Furco's (2002) Self-Assessment Rubric for strengthening the understanding of civic the Institutionalization of Service-Learning

28 cocurricular international service-learn- learning of both staff and students. The ing trips. Most of the trips are led by staff study affirmed that structured reflection from the respective schools and depart- was a key factor for enhancing civic outments, with OSL leading some of the trips. comes, academic connections, and personal growth. In addition, the findings supported the conclusion that students were becoming more responsible, civic-minded, and active citizens, confirming the standing of service-learning as a high-impact pedagogy with the potential to develop the desired graduate outcomes.

> Since 2017, a module experience survey with knowledge in the community context, reciprocity of engagement with the community, civic aspirations, insights gained from reflections, and student voice. The overall average of the six quantitative questions demonstrated an upward trend across the four semesters on a five-point scale (scores of 3.91, 4.07, 4.15, and 4.18, respectively), suggesting that the quality of service-learning outcomes was improving. Though it does not tell the whole story (Choo et al., 2019), the survey results supported the quality of the early service-learning modules and identified modules that needed more attention. This enabled the OSL trainers to work further with the respective module leaders on module improvement and staff training.

### **Evidence of Institutionalization**

gogy has been meaningful and fulfilling, the sustainability of the vision and activities depends on how well service-learning can be institutionalized so that the level of acceptance and commitment toward the vision is a shared common goal, rather than being entirely dependent on executive management and a small group of advocates. The process of institutionalizing service-learning is reflected in the buy-in and commitment from many different stakeholders, including senior management, instructors, administrative staff, students, and community and industry partners (Bringle & Hatcher, 1996; Welch & Saltmarsh, 2013).

### Survey

lowing components for institutionalizing *t*-tests were used to answer the question service-learning: philosophy and mission "Was rated institutionalization signifiof service-learning (definition of service- cantly greater than 3.0 (i.e., quality building learning, strategic planning, alignment with level)?" The survey results demonstrated institutional mission, alignment with edu- that, in 3 years, the rapid institutionalizacational reform efforts), faculty support for tion of service-learning significantly exand involvement in service-learning (fac- ceeded the quality building level (3.0 on the ulty knowledge and awareness, faculty in- 5.0 scale) for all five of Furco's components volvement and support, faculty leadership, of institutionalization: faculty incentives and rewards), student support for and involvement in servicelearning (student awareness, student opportunities, student leadership, student incentives and rewards), community participation and partnerships (community partner awareness, mutual understanding, community partner voice and leadership), and institutional support for service-learning (coordinating entity, policy-making entity, staffing, funding, administrative support, departmental support, and evaluation and assessment). Furco's rubric identifies three stages of achievement: critical mass building, quality building, and sustained institutionalization.

A survey was constructed that presented respondents with each component of Furco's framework and asked them to indicate In addition, the correlation between familwhere they thought NP was on the rubric in terms of the development of servicelearning on campus. The survey was distributed to NP administrators, school and departmental management, and instructional and support instructional staff. The response format included a slight modification of Furco's rubric: it gave respondents Although Furco's rubric has been used as the opportunity to choose an intermediate a means for engaging a campus in discusresponse between critical mass and quality sions and strategic planning for developing building, and between quality building and enhanced institutionalization, this research sustained institutionalization. The survey used it as a measure of institutionalizaalso asked respondents for their familiarity tion, much like Bringle and Hatcher (2000) with service-learning using the follow- did when they used their CAPSL model to ing choices: (1) No familiarity with Service- assess differences in institutional support Learning; (2) Heard of Service-Learning but for service-learning. As Furco and Miller don't know much about it; (3) Some knowledge (2009) noted, of Service-Learning; (4) Good knowledge about Service-Learning; (5) Provided consult and/or taught Service-Learning modules, have extensive knowledge of the theory and practice of Service-Learning.

### Results

Responses to the survey were obtained from 106 participants: six top management; 22 directors and heads; 26 deputy directors and assistant directors; 43 service-learning

in Higher Education identifies the fol- staff; and nine support staff. Single-sample

- philosophy and mission of servicelearning, mean = 3.99, t(105) = 13.03, p < .01;
- faculty support for and involvement in service-learning, mean = 3.42, t(105) = 5.23, p < .01;
- student support for and involvement in service-learning, mean = 3.37, t(105) = 4.05, p < .01;
- community participation and partnerships, mean = 3.20, t(105) = 2.18, p < .05; and
- institutional support for servicelearning, mean = 3.84, t(105) = 9.64, p < .01.

iarity and the total institutionalization score (i.e., summed across Furco's five dimensions) was nonsignificant, r(104) = .19, p > .05.

### Discussion

An assessment process provides the means to conduct a status check of the campus's overall current level of community engagement institutionalization by offering a structure and framework for collecting and reviewing information so that informed decisions can be made about an institution's engagement strengths and weaknesses. (p. 48)

course/module leaders and instructional To our knowledge, this is the first use of

ization in a setting outside North America phases (see Figure 2). (Furco, 2007, used a related rubric in the United States). In addition, this research on NP's institutionalization is unique in the type of evidence of institutionalization of service-learning that was collected for an As previously detailed, NP adopted Bringle institution outside North America. Virtually and Hatcher's (1996) CAPSL model and all other case studies of institutionalization of service-learning have been anecdotal, with little empirical evidence of institutionalization (e.g., Ma et al., 2018; Meijs et al., 2019; Xing & Ma, 2010).

Furco (2007) concluded that no progress was seen on 43 campuses that had been working toward institutionalization of service- campus's curriculum and all students' edulearning for 3 years. In addition, Furco and cational experience (National Task Force on Miller (2009) concluded that institutional- Civic Learning and Democratic Engagement, izing community engagement would take 2012; Ti et al., 2020). The development of 15 years. In contrast, NP demonstrated sig- service-learning was heavily dependent nificant advancement in 3 years of work to on establishing a central office that overinstitutionalize service-learning. Although saw many of the functions identified by the data collected on institutionalization are Bringle and Hatcher (1996) and Welch and limited in answering any questions about Saltmarsh (2013) as fundamental to instiwhy NP's institutionalization was so rapid, tutionalizing community engagement and the steps NP took are well aligned with the service-learning. CAPSL planning framework. Ti et al. (in press) suggested that the following early steps were important: centralized strategic planning, endorsing service-learning as a signature pedagogy, establishing clear campus goals, and endorsement by upper and middle management. In addition, they and others (Bennett et al., 2016; Bringle & Hatcher, 1996, 2000; Furco, 2002; Holland & Furco, 2004; Vogel et al., 2010; Welch & Saltmarsh, 2013) have stressed the importance of internal funds to support a centralized office, staffing it with capable persons with service-learning experience, and engaging in capacity-building activities. Ti et al. (in press) described additional is consistent with the advice that strategic steps taken with students and community partners to support the institutionalization of service-learning. This evidence provides other institutions with a set of tools that in activities directed at instructors is a can guide activities and that can be adapted through strategic planning to promote institutionalization.

### The Service-Learning Roadmap

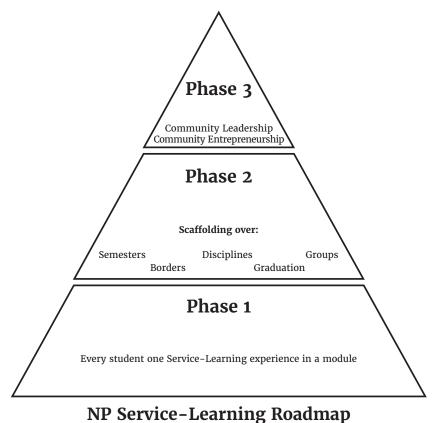
As part of the strategic planning process, in April 2018, the Service–Learning Roadmap was envisioned to help staff and students continue the journey to develop the three hallmark outcomes of the NP student—a passionate learner, a big-hearted person, and a global smart professional. The

Furco's rubric to measure institutional – Service-Learning Roadmap consists of three

### Phase 1: Build Foundations With Service-Learning as Signature Pedagogy

Bringle and Clayton's (2012) definition of service-learning to develop the institutional capacity to reach the goal of one servicelearning module in every diploma. NP is one of the few institutions of higher learning outside North America that has made service-learning mandatory or, as we prefer to characterize it, an *integral* part of the entire

Not only was the goal of curricular integration of service-learning into each diploma program's curriculum achieved, but also the evidence from the survey demonstrated that the campus community at all levels endorsed the significance of service-learning as an integral part of the curriculum. In addition, the mean levels of NP's institutionalization for Furco's five components had the same rank order as the components that Bringle and Hatcher (2000) found for CAPSL based on 179 American campuses: highest institutionalization for institution > faculty > students > lowest for community. This planning and institutional infrastructure are important first steps in institutionalizing service-learning, and that engaging critical early step for developing servicelearning and support (Bringle & Hatcher, 1996). Although each campus is different and context matters, we think these results provide a basis for guiding the institutionalization of service-learning on other campuses through strategic planning at the campus level, the commitment of resources to curriculum development, and prioritizing activities.



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Figure 2. Ngee Ann Polytechnic's Service–Learning Roadmap

### Phase 2: Scaffolding Service-Learning to Deepen and Broaden Service-Learning

Phase 1 is typically what institutions aspire to when they take steps to institutionalize service-learning. However, the Service-Learning Roadmap presents a vision beyond this level of achievement and extends previous frameworks of institutionalization (e.g., Bringle & Hatcher, 2. 1996, 2000; Furco, 2002; Holland, 2001; Holland & Furco, 2004). Phase 2, currently being implemented, builds upon the goals of institutionalization from Phase 1 and extends institutionalization (e.g., breadth, <sup>3</sup>. depth, quality) to develop students' civic consciousness and engagement, curricular and cocurricular development, and community partnerships. Phase 2 identifies scaffolding of service-learning experiences as a key aspect of extended development of institutionalization. Here, scaffolding refers to the intentional sequencing of activities in 5. ways that build upon and extend previous experiences. Phase 2 identifies five areas in which service-learning can be scaffolded.

- 1. Scaffold across semesters—students take more than one service-learning module across different semesters with enhanced academic and civic learning objectives in subsequent modules, including final year, capstone, and internship modules that address social issues.
- Scaffold across disciplines—students from different disciplines come together to work on the same complex servicelearning projects.
- Scaffold across groups—community projects are longitudinally built upon from group to group within and across semesters.
- Scaffold across the campus—connect service-learning projects to cocurricular activities and other campus initiatives.
- Scaffold across borders—international service-learning modules are developed to complement domestic servicelearning.

6. Scaffold beyond graduation—service- Social Future—Innovating for Tomorrow in education and for alumni.

Phase 2 is designed to transcend the limitations of having students exposed to a single, compartmentalized service-learning module. Scaffolding aligns with the National Task Force on Civic Learning and Second, in 2019, NP launched the credit-Democratic Engagement's (2012) recom-The ultimate goal of scaffolding servicelearning is to ingrain service-learning further into the culture of the institution and into community partnerships. Developing come from the fields of (a) healthcare, (b) additional service-learning modules will expand the participation of instructional staff doing service-learning, further establish service-learning as an expected and regular part of the academic culture, and enhance the community understanding of civic engagement and service-learning. In addition, scaffolding sequential servicelearning modules has the added advantage of building on students' civic attitudes and motives from previous experiences, allowing extension of course design parameters (e.g., reflection, assignments, readings) that build upon previous experiences, and permitting more complex learning objectives being intentionally designed into service-learning modules.

Scaffolding also has benefits for community partners. Communities care about outcomes that benefit the quality of life of community constituencies (Sandy & Holland, 2006). To implement at a community site multidisciplinary service-learning projects and service-learning activities that have continuity across semesters has the potential to enhance community support, build enduring partnerships, and increase community benefits.

### Phase 3: Scale Impact More Broadly

Phase 3 is NP's aspiration to build community leadership and community entrepreneurship. As nations race to incorporate learning as NP's signature pedagogy over ogy and globalization are shared across dif- trained, community partnerships had to ferent socioeconomic classes and that the be forged, definitions and jargon had to be soul of a city-nation remains caring and articulated and clarified, materials and reinclusive. Though in unchartered territory, sources had to be acquired and developed, initial steps for Phase 3 have been taken administrative systems and policies had toward this end. First, at the forum Our to be put in place, and, most important,

learning projects are developed in adult October 2018, eight speakers from industry shared thoughts about innovative ideas and solutions in the social space. The conference was attended by about 400 delegates from the educational, social, and governmental sectors.

bearing Civic Internship Program that mendation that "civic learning is infused supplements the existing credit-bearing across students' educational experiences Internship Programme and that enrolls over time in a developmental arc" (p. 43). an estimated 15% of third-year students (more than 600) and works with close to 50 community organizations. The initial group of participating organizations have business and economics, (c) engineering and technology, and (d) social and environment. This program involves placements with an organization that provide students with opportunities not only to practice their professional skills but also to work on an assignment or project that promotes the public good. Community leaders and role models are invited to advise, inspire, and challenge the Civic Interns to greater civic engagement. This approach of integrating service-learning with internships into hybrid pedagogies (Bringle, 2017) reflects an additional example of more deeply embedding the civic outcomes of service-learning in the academic curriculum and campus culture.

> Third, separately, organizations from institutions of higher learning and the social sector have approached NP to train their staff in the fundamentals of service-learning, and there are opportunities both locally and overseas to provide leadership through capacity building in this area. Phase 3 is an aspiration, and NP is developing the best strategies to move this phase forward.

### **Recommendations and Implications**

#### **Institutional Development**

The pace of implementation of servicetechnology and intelligent decision-making the 3 years was brisk. The mandate of every into their cities, it becomes even more im- student having at least one service-learning portant to ensure that benefits of technol- module meant that staff had to be quickly be developed. The sustainability of service- ization of service-learning exceeded the learning must transcend simply developing quality building level for all five compomore service-learning modules and include nents, there must be further deepening steps enabling the rationale and the phi- and broadening, especially in the areas of losophy of service-learning to become part community participation and partnerships, of the institution's academic culture for and student support and involvement in civic engagement more broadly. All of this is service-learning (Ti et al., 2020). Much of possible because the campus invested in an this can be strengthened through activities OSL that was staffed with personnel familiar in Phase 2. This suggests that institutions with teaching service-learning modules and interested in promoting institutionalization capable of developing instructors' capacity of service-learning should establish mechato design and implement such modules. nisms for monitoring the current status of Therefore, based on this experience and institutionalization and the areas that could past research (Bennett et al., 2016; Bringle receive subsequent attention to broaden and & Hatcher, 1996, 2000; Furco, 2002; Holland deepen institutionalization. & Furco, 2004; Vogel et al., 2010; Welch & Saltmarsh, 2013), we recommend that a key step in moving institutionalization along is forming a campus entity that can clearly assume primary responsibility for improving the quantity and quality of servicelearning courses. Furthermore, based on the results of achieving Phase 1, we recommend that other institutions consider CAPSL or a similar framework for organizing strategic planning of activities to develop institutionalization. Strategic planning and activities must work at multiple levels of the institution: executive leadership, deans/program directors, instructors, and students (Welch & Saltmarsh, 2013). Past research evaluating these factors has been limited mostly to American institutions, and future research needs to be conducted to see if these findings generalize to other contexts and institutional types around the world.

Saltmarsh (2013) finding that organizational service-learning builds upon the role of structure had the most significant impact executive leadership, but that the endorseon the level of institutional commitment, ment and support of executive leadership is Bringle and Hatcher (2000) and Welch and necessary but not sufficient for advancing Saltmarsh (2013) found that locating OSL institutionalization (Ti et al., 2020; Welch & infrastructure in academic affairs is an ad- Saltmarsh, 2013). We therefore recommend vantage to institutionalization. Consistent that other institutions develop the support with this research and NP's experiences, we and commitment of executive leadership recommend that the infrastructure to sup- to civic engagement and service-learning, port service-learning be located in academic while, at the same time, working to develop affairs.

The evidence for the degree of stakeholder buy-in is reflected in the perceived institutionalization across Furco's five components of institutionalization. Furthermore, the lack of a correlation between ratings and familiarity indicates that this buy-in is pervasive and not restricted to those most familiar with NP's service-learning. The results also illustrate the importance of Although the results of the survey revealed initially working with instructors to modify

buy-in from stakeholders at all levels had to that the perceived level of institutional-

### Faculty Support for and Involvement in Service-Learning

Sandmann and Plater (2009) identified the following four areas for which executive leadership is important: using mission to situate civic engagement, developing goals, articulating strategic plans for achieving those goals, and communicating their commitment. NP's journey to date reflects the importance of each of these, including relating service-learning to each of the three components of NP's academic mission for students (i.e., a passionate learner, a bighearted person, and a global smart professional), strategic planning across time that includes institutionalizing service-learning, implementing infrastructure such as the OSL, carefully selecting staff to lead the initiative, and advocating the rationale for service-learning in multiple venues. In addition to Holland (1997) and Welch and We conclude that institutionalization of support throughout all levels of the institution. Too little research attention has been devoted to the roles that executive leadership and middle leadership (e.g., deans, directors, chairs) play in the institutionalization of service-learning, and these roles should be investigated in future research on institutionalizing service-learning.

shy about seeking out faculty champions" (p. 53). After establishing OSL, training instructors to understand, design, and implehas been the key focus. More than 400 acaan ongoing effort. Developing mechanisms beyond its initial implementation. (e.g., workshops, one-on-one consultation, departmental meetings, expert consultants) to expand service-learning beyond the few next phase in capacity building will be to the respective schools to decentralize exacademic disciplines in a school. Therefore, we recommend that institutions look for departments to support service-learning, contribute to expansion of service-learnof institutionalization of service-learning. The challenges of initiating and expandwith opportunities to study the motives strengthen the case. and obstacles for instructors who practice service-learning, instructors who try it and Community Participation and stop, and instructors who are not attracted to implementing service-learning (Banerjee & Hausafus, 2007).

#### **Curricular Development**

in all diplomas was a significant aspiration al. (2019) found strong support from a proaches to service-learning development was not unexpected that campus respon-(Bringle & Hatcher, 2009). Therefore, we that could be further developed (Bringle & recommend that other institutions engage Hatcher, 2000; Welch & Saltmarsh, 2013). in activities that improve the quality of all Faced with challenges such as large coaspects of service-learning courses, enroll horts (some diploma cohorts have 500 to other instructors beyond the initial cohort, 600 students in service-learning modules), commit additional attention to community of projects within the academic semester, partners. Bringle and Hatcher (2009) also and coordinating schedules of both students acknowledged the importance of linking and identified community members, it was service-learning to other campus curricu- considered a good start. However, good inin which service-learning can enhance other and instructor fulfillment (Sandy & Holland,

the curriculum. As Wood (1990) pointed out, campus initiatives, rather than compete "Educational programs . . . need champions. with them. Developing hybrid pedagogies Those champions must be found in the fac- that integrate service-learning with other ulty if an innovation is to be profound and high-impact pedagogies (Bringle, 2017), long-lasting. Administrators should not be such as civic internships and international service-learning modules, and thinking about how service-learning and community engagement can be continued with alumni ment service-learning in academic modules and integrated into continuing education initiatives are examples of building upon demic staff have been trained, and this is the institutional goals for service-learning

The monitoring, assessment, and research supported by NP's Ministry of Education early adopters is an important step. The grant provided a significant early step that made it possible to ascertain the students' develop service-learning trainers within perceptions of the quality of the servicelearning modules (Choo et al., 2019). CAPSL pertise and embed it in the context of the describes developing the capacity for monitoring and evaluating the quality of servicelearning as an important component of ways to enhance the capacity of schools and institutionalization because doing so can identify areas that warrant future improvement and provide a basis for establishing ing, and commit to a more sustained level the efficacy of service-learning to internal and external audiences. Subsequent attention to direct evidence of student learning ing service-learning provide institutions and evidence of community outcomes will

# Partnerships

The rapid implementation over the 3 years meant that many community partnerships and projects had to be very quickly negotiated, and most of them would have The presence of service-learning modules started at a basic level. Although Choo et and achievement, in contrast to most ap- survey of some community partners, it that are reactive to faculty interest and dents to the survey perceived community scattered unevenly across the curriculum participation and partnership as an area clarify civic learning outcomes for stu- relevance of a module's academic content in dents, improve reflection assignments, and addressing community issues, completion lar initiatives (mission, strategic planning, stitutionalization of service-learning war-academic success, student retention) and rants the development and refinement of cocurricular civic programs on campus. We partnerships for maintaining community recommend that institutions identify ways participation and support as well as student

preparing to implement a new survey for page that presents videos on serviceall service-learning community partners. learning modules and student testimonies. We recommend to other institutions that In addition, service-learning is covered they advocate for community partners to by the deputy principal's presentation to be coeducators before, during, and after prospective students and parents during a service-learning course is designed and NP's annual open house. Service-learning implemented. In addition, it is important is included in NP's Ultimate Course Guide, and to develop mechanisms for monitoring and incoming students are also informed about evaluating community partnerships. This service-learning in NP's Student Life Booklet. type of information will provide a basis for In addition, all students enrolled in a serstudying the quality of relationships that vice-learning module watch a video and a have formed, the transitions that occur in slide presentation that cover what servicethese relationships over time, and com- learning is at NP and what students can do munity perspectives on service-learning to gain more from their community-based activities (Bringle et al., 2009).

In Phase 2, the strategies to scaffold students' service-learning engagement and experiences will allow for deepening and broadening community participation and partnerships. The strategy to scaffold projects across groups of students and across semesters will mean that different groups of students from different cohorts and disciplines can work with community partners on larger and more complex projects that address a similar theme. We therefore recommend intentional dialogue and consultation with community partners Phase 2 scaffolding of service-learning to cocreate projects and activities to in- will offer students more opportunities to crease the involvement of the community engage in service-learning projects of their partners in terms of awareness, community choice, which can build upon the Phase 1 voice, mutual understanding, and assess- module projects. The Phase 2 projects can ment. Doing so should result in greater provide stronger ideation models, more impact for the service activities rendered to sustainable partnerships, deeper solutionthe community and the learning outcomes ing considerations, broader scope, and more of the students. For example, in some extensive reflection on their civic engage-NP training to date, community partners ment. The various options of scaffolding have codesigned staff training programs (i.e., students taking a second module with OSL staff (Ti et al., 2020). Such col- with service-learning, working on final laboration will contribute to, enhance, and year or capstone service-learning projects confirm what research shows community that address social issues, participating in partners value most about their association a civic internship with organizations that with service-learning: being coeducators of help to promote public good, embarking on students (Sandy & Holland, 2006).

### Student Support and Involvement in Service-learning

This category of Furco's (2002) framework includes student awareness, student opportunities, student leadership, and student meaningful ways for students. incentives and rewards. One reason for the lower score on this component (vs. institutional development) on the campus survey ally pervasive service-learning modules could be the limited channels of communi- for every student raise questions about cation to all students in the initial years. In students' attitudes and motives toward order to reach more students with greater these requirements, as well as the nature of frequency, additional steps have been taken. changes in attitude toward service-learning

2006). The OSL is currently developing and The NP website now has a service-learning experiences. A student e-newsletter that highlights service-learning is published two to three times a year and distributed to all students. These steps reflect the importance of mechanisms to establish service-learning as part of the student culture on a campus through effective communications. Other institutions will need to creatively develop their own steps for ensuring that students understand that service-learning is a pervasive and expected part of the curriculum (National Task Force on Civic Learning and Democratic Engagement, 2012).

> international service-learning programs, initiating cocurricular projects that address social issues) give students the opportunity to have a stronger voice and to develop their leadership potential. Thus, institutions can explore methods of expanding initial steps at institutionalization in educationally

> The effects of implementing institution-

& Ilustre, 2018). Ascertaining the optimal empirical validation. In any case, other ininfluence lifelong habits of civic involve- their own strategies for furthering serviceadditional research.

### Conclusion

After more than five decades of practice in the United States and a somewhat shorter history worldwide, service-learning has advanced civic engagement as an innovative way in which institutions of higher education can take steps to improve collaboration with community partners, contribute but they are never completed: Activities to the public good, enhance the curriculum and learning, and enhance students' civic a nonsequential manner, as needed (e.g., learning as well as academic learning and planning is an iterative and recurring propersonal growth. Institutionalizing servicelearning is thus best viewed not as an end in itself but rather as a means for broader purposes.

The early institutional steps taken by NP are those activities that have been identified by research as key to successful instistrategic planning, executive leadership, them (Bringle & Clayton, 2013). This illusand infrastructure (e.g., Bringle & Hatcher, trates that institutionalization is not a final 1996, 2000; Morton & Troppe, 1996; Welch goal or end state, but a process of quality & Saltmarsh, 2013). Multiple forms of evidence support the conclusion that significant gains have been made for institutionalizing service-learning at NP. In addition learning is best viewed as a facilitator of to the evidence offered here, an external review by the Talloires Network awarded NP first place in 2020 with the MacJannet Prize, which recognizes exceptional student community engagement. What is also noteworthy is not only the rapid institutional advancement of service-learning but the pedagogies integrating service-learning Service-Learning Roadmap that extends the nature of institutionalizing servicelearning in unique ways. We expect that the higher education institutions around the general steps taken at NP that have focused on the institution, instructors, students, and community partners will generalize to other institutions worldwide that aspire to lives. go beyond individual service-learning prac-

and toward their short-term and long-term titioners implementing service-learning civic engagement that take place after one courses and consider how service-learning or more service-learning modules (Moely can be institutionalized, but this warrants way to design programs for students that stitutions can be innovative in developing ment is an important issue that warrants learning, civic engagement, and the public purposes of their institutions.

Nonetheless, it must be acknowledged that the steps taken to date are early steps that warrant subsequent attention to all activities focused on integrating service-learning into NP's educational culture. Furthermore, as Bringle and Hatcher (1996) pointed out, the steps outlined in CAPSL and those already taken might be sequentially prioritized, need to circle back on all of these areas in cess). A strong test of institutionalization is the capacity for the initiative to survive changes in leadership, staff, instructors, and community partners. Therefore, much subsequent work will need to be devoted to broadening and deepening service-learning among all constituencies (i.e., instructors, institution, students, community partners) tutionalization: alignment with mission, and the relationships between and among improvement.

> As Holland and Furco (2004) noted, serviceother campus goals rather than a standalone program. Therefore, part of the focus by other institutions should not only be on more and better service-learning, but also more broadly across campus (e.g., student affairs, alumni, quality assurance, hybrid with other teaching strategies). This remains the challenge for NP and for other world aspiring to institutionalize servicelearning to educate students to contribute to the public good across their careers and

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