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How Loyola University Chicago SSOM's Pilot Study Led to 86% of Participating Medical Students Reporting Improved Well-Being and Reduced Burnout with DistrictZero's AI-SaaS Solution

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Executive Summary

Loyola University Chicago Stritch School of Medicine (SSOM) implemented DistrictZero's SaaS platform to tackle student burnout and enhance well-being. The pilot study included 32 third-year medical students in the active group, 32 third-year control students who were not active in the study, 16 faculty physician mentors from diverse specialties, and 3 administrative staff members who supported and managed the program. This study aims to represent 19% of the 170 students in the graduating class of 2026. **Within five months, 86% of the active group students reported improved well-being, and mentor intervention efficiency improved 240x.** This case study outlines the challenges, solutions, and impressive results achieved through our comprehensive, integrated approach.¹



ChatGPT this report (account req.)
<https://chatg.pt/districtzero>



Free strategy discussion
<https://dub.sh/infoession>

¹ **Disclaimer:** The data presented in this case study is derived from self-reported assessments conducted directly between pilot participants (learners) and DistrictZero (leader). Emotional intelligence competency growth was measured using both mid-program and end-of-program assessments. To ensure privacy and confidentiality, all data has been de-identified, with any personally identifiable information replaced by synthetic personas. Detailed findings on emotional intelligence growth between mentees and mentors, will be published in an upcoming report by Loyola University Chicago Stritch School of Medicine.



Table of Contents

- **Introduction**
 - Customer Background
- **Problem**
 - Medical STEM Student Burnout
- **Solution**
 - Managed Mentorship Platform
 - Program Implementation
 - Forward-Thinking Mentorship Matching System
 - Intervention Discussion Agenda Generator
- **Results and Benefits**
 - Quantitative Results
 - Qualitative Results
 - Mentee Testimonials
 - Mentor Testimonials
- **Alternatives Comparison**
 - Alternative Providers
 - Our Unique Advantages
 - Feature Comparison Matrix
- **Scalability and Flexibility**
 - Data Security and Privacy
 - Ongoing Improvements
- **Partner Testimonials**
- **Key Takeaways**
- **Call to Action**
 - Schedule Free Strategy Session
 - About DistrictZero
- **References**



Introduction

Medical student burnout is a growing concern in the field of medical education, with significant implications for both individual students and the healthcare system as a whole. Studies have shown that burnout, characterized by emotional exhaustion, depersonalization, and a diminished sense of personal accomplishment, affects a substantial portion of medical students. This can relate to increased dropout rates, mental health issues, and a reduction in the quality of patient care provided by future physicians. Addressing this issue is critical to ensuring the well-being and success of medical students, and ultimately, the healthcare professionals they become.

The impact of burnout extends beyond the individual, affecting the overall healthcare system. Burnout may relate to higher rates of depression, anxiety, and suicidal ideation among medical students. Moreover, it compromises their ability to provide high-quality care, which can have detrimental effects on patient outcomes. Therefore, institutions like Loyola University Chicago Stritch School of Medicine (SSOM) are seeking comprehensive solutions to mitigate these risks and support their students' well-being.



Customer Background

Loyola University Chicago Stritch School of Medicine (SSOM) is a prominent institution known for its diverse student body and commitment to excellence in medical education. Prior to implementing DistrictZero's solution, SSOM recognized the emerging challenges within student burnout. Acknowledging the need to improve student well-being, the institution embarked on a mission to develop a comprehensive and integrated approach to support their students' academic and professional development.

The mentorship pilot program at SSOM was made possible through the generous support of the Wallinger Family for the initial development of the program targeting disengagement and exhaustion. This funding allowed the institution to explore innovative solutions to combat medical student burnout and enhance overall well-being. The pilot study included 32 medical students in the active group, 32 control students, 16 faculty physician mentors from diverse specialties, and 3 administrative staff members who supported and managed the program. This comprehensive involvement ensured a holistic approach to addressing the challenges faced by the students and faculty.

Through this partnership with DistrictZero, SSOM aimed to create a sustainable and effective mentorship program that could serve as a model for other institutions. The collaborative effort focused on not only addressing burnout but also fostering the emotional well-being of students, thereby preparing them for the demanding environment of medical practice.

Class Profile of Loyola SSOM (Class of 2026):

- Total students: 170
- Gender: 66% women, 34% men
- Diversity: 42 races and ethnicities, 29 students born outside the U.S.
- Geographic representation: 28 U.S. states and territories
- First-generation college students: 13²

² **Class Profile:** Available at <https://www.luc.edu/stritch/admissions/classprofile/>.



Problem

The Issue of Mentorship in High-Pressure STEM Environments

Students in STEM fields, including medical students, operate in exceptionally high-pressure environments. These students are tasked with mastering complex academic material while simultaneously developing the soft skills necessary for their future careers. This dual demand is particularly challenging in fields like healthcare, where the ability to deliver empathetic care is just as crucial as technical proficiency. The high-pressure nature of these environments often relates to significant stress and burnout, which can be exacerbated by insufficient mentorship.

Bridging Academia and Professional Practice

A critical component of a STEM student's journey is the transition from academia to their professional career. Effective mentorship plays a vital role in this process, providing guidance, support, and professional development. This is particularly true in the medical field, where students must prepare for the rigors of residency and practice in a high-stakes environment. However, many institutions lack the structured programs and tools necessary to support effective mentorship at scale.

Emerging Need for Structured Mentorship Programs

There is a growing recognition across various STEM disciplines of the need for organized mentorship programs. These programs are essential for preparing students to meet the demands of their future careers. Despite this recognition, there is a significant gap in the availability of effective tools and frameworks to support such programs. This gap can relate to increased student burnout and hinder the development of critical skills and resilience.

Control Group Challenges Expected in Pilot Programs

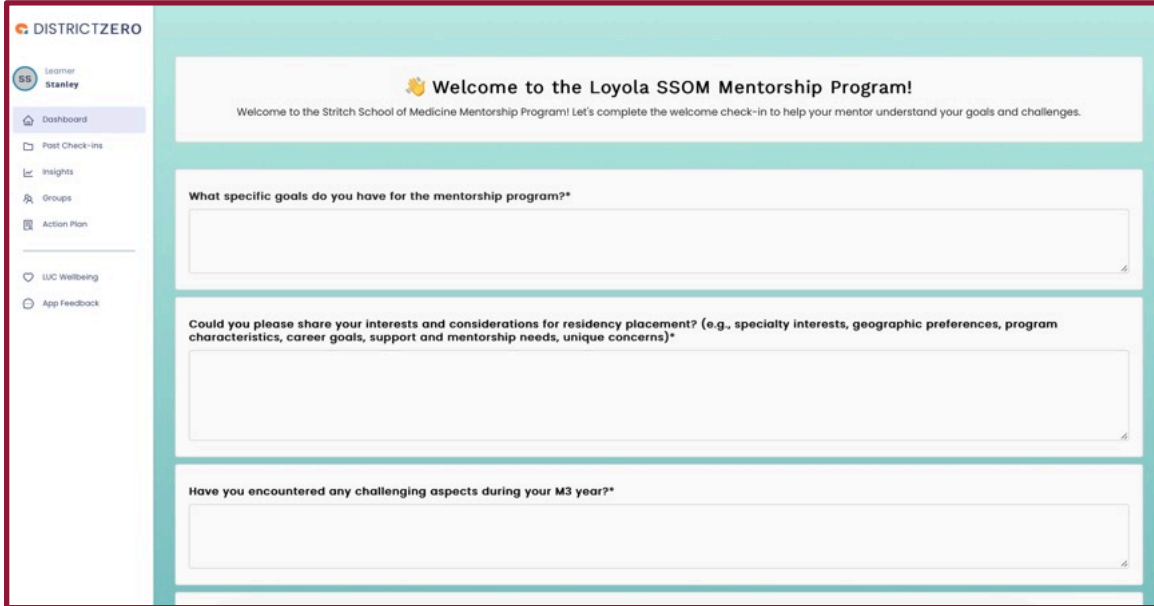
The pilot program at Loyola University Chicago Stritch School of Medicine (SSOM) highlighted potential key challenges faced by the control group, which follow the traditional approach to mentorship:

- **Increased Burnout Risk:** Inadequate mentorship matching systems may relate to mismatched pairings, increasing the risk of burnout rather than alleviating it.
- **Randomized Matching Issues:** Loyola's initial use of a randomized matching system, managed by the research department, may relate to inefficient and ineffective mentor-mentee pairings.
- **Scalability Challenges:** As the number of students and mentors grows, traditional matching systems struggle to maintain the quality of pairings, further stressing an already pressured environment.



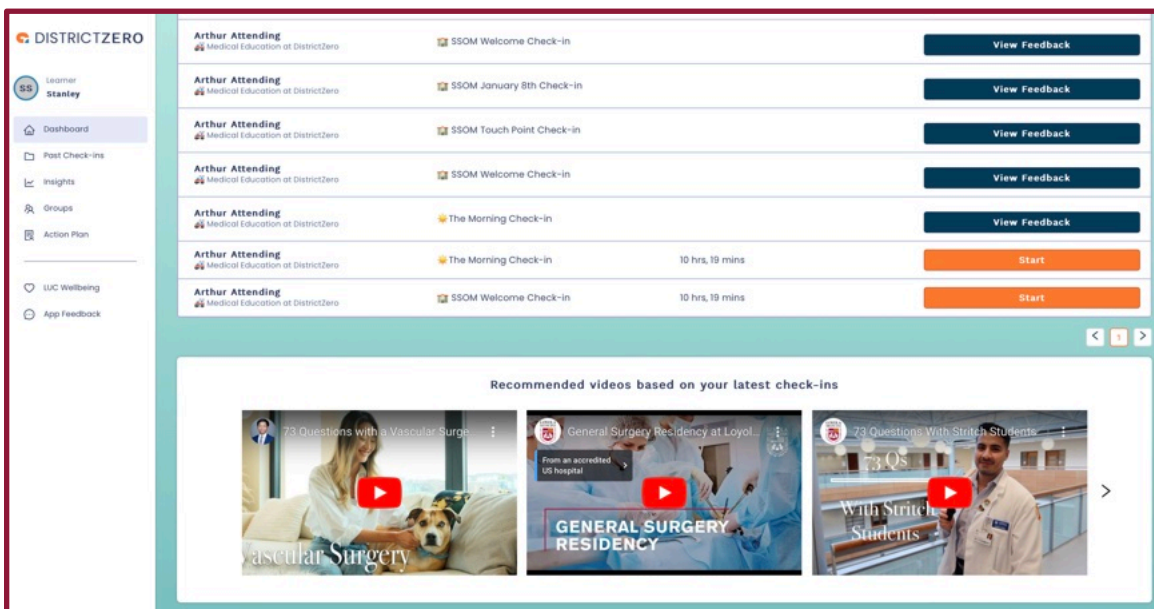
Solution

Established Check-In System



DistrictZero's established check-in system was initially designed for K-12 settings, leveraging a robust foundation built around social-emotional learning (SEL) frameworks, particularly the CASEL framework. This system was highly effective in tracking and improving student well-being through regular check-ins and SEL measurements.

Adaptation for Medical Students





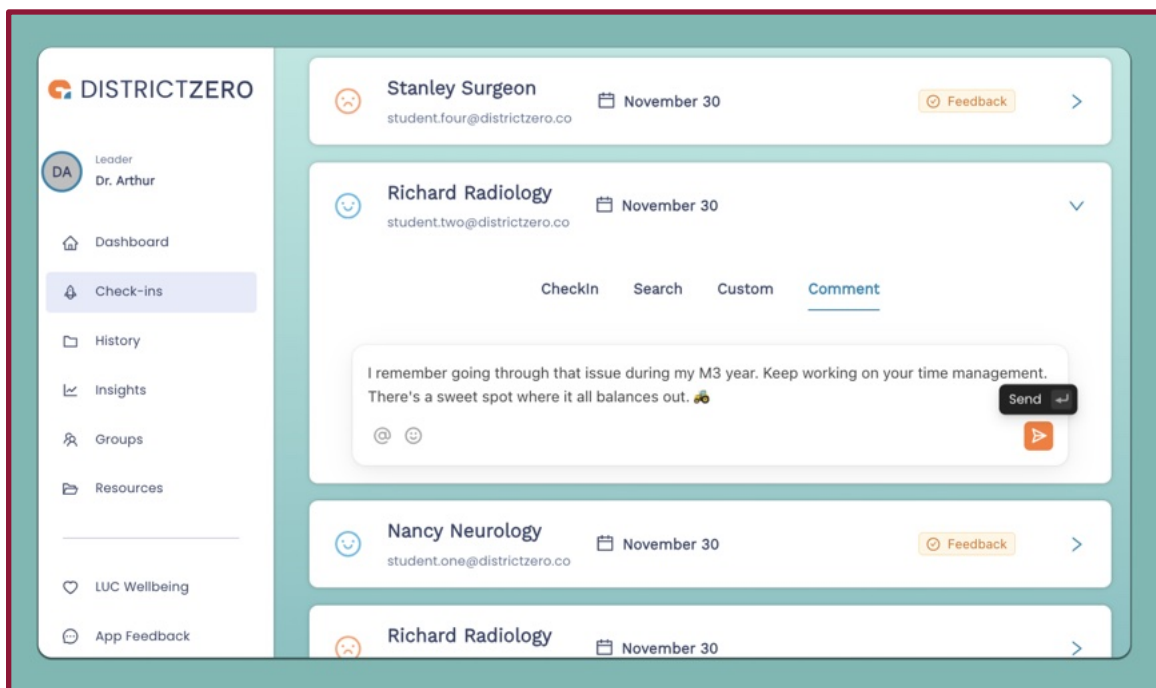
To adapt our check-in system for the unique environment of Loyola University Chicago Stritch School of Medicine (SSOM), we expanded our approach to include emotional intelligence competencies and design thinking principles. This adaptation was essential to address the specific challenges faced by medical students, such as high stress levels and burnout.

- **Enhanced Emotional Intelligence Competencies:** We integrated emotional intelligence competencies to better support adult learners, focusing on self-awareness, self-management, social awareness, relationship skills, and responsible decision-making.
- **Relevant Content for Medical Burnout:** We tailored the content to address medical student burnout specifically, ensuring that the check-ins were more relevant and impactful.

Spaced Mentorship Program

Unlike traditional long-form check-ins used by platforms like Panorama Education, DistrictZero implemented a spaced mentorship approach. This involved more frequent, less intensive check-ins that allowed for greater flexibility and engagement.

- **Frequent, Short-Form Check-Ins:** These check-ins were designed to be less time-intensive, making it easier for both students and mentors to participate consistently.
- **Asynchronous Feedback:** The system allowed for asynchronous feedback, enabling students and mentors to communicate and provide feedback at their convenience.





Agenda Generator

Meeting Agenda ×

Time Period: Mon Jan 01 2024 - Wed May 22 2024 ⏪ Stop Generating ⏩ Regenerate

Top Wins

- **Academic Progress:** Stanley has consistently demonstrated a strong commitment to his academic responsibilities, maintaining a positive outlook on his studies and expressing satisfaction with the mentorship program's support.
- **Wellness Engagement:** Stanley has actively participated in wellness activities and utilized the resources provided by the mentorship program, which has contributed to noticeable improvements in his overall well-being.

Top Blockers

- **Emotional Challenges:** Stanley has reported feelings of stress and emotional drain, particularly related to managing his schedule and meeting the demands of his medical training.
- **Adaptation to Clinical Environments:** Challenges in adapting to different hospital cultures and managing diverse patient populations have been significant stressors for Stanley.

Recommendations

- **Enhanced Mentor Support:** Encourage mentors to provide more personalized guidance on time management and stress reduction techniques, tailored to the unique challenges of clinical rotations.
- **Professional Development Workshops:** Organize workshops focusing on adapting to different hospital cultures and effectively interacting with diverse patient groups, which could be beneficial for Stanley and his peers.
- **Regular Wellness Check-ins:** Increase the frequency of formal wellness check-ins to ensure that students like Stanley receive timely support and intervention, preventing burnout and other emotional challenges.

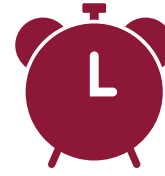
Attendees

1. Stanley

Checkins Analyzed

- Good morning!
- 🟡 Touch Point Check-in
- 🟡 Welcome to the Loyola SSOM Mentorship Program!
- End-of-Program Feedback Survey
- Mid-Program Feedback Survey

The agenda aims to address both the achievements and challenges faced by Stanley, with a focus on actionable recommendations that leverage mentor expertise and resources to support his academic success and overall well-being.



240x Mentor Efficiency!



Reallocate RVUs

A key feature introduced was the Agenda Generator, which significantly improved time efficiency for mentors. This tool automated the creation of personalized meeting agendas, saving mentors hours of preparation time.

- **Efficiency for Busy Physicians:** Given the demanding schedules of mentors who are often practicing physicians, the Agenda Generator enabled them to prepare for intervention meetings quickly and effectively. Here is an example time commitment for (1) mentor to manually prepare to intervene (2) mentees once per month.

Manual Task	Mentees	Monthly Check-ins	Task Time	Monthly Total
Review Surveys	2	4	15 mins	120 mins
Extract Themes	2	4	7.5 mins	60 mins
Safety Moderation	2	4	3.75 mins	30 mins
Recommendations	2	4	3.75 mins	30 mins
Structure Meeting	2	4	1.88 mins	15 mins
Monthly Intervention Prep	255mins / 4.25hrs /			
Agenda Generator Efficiency	240x @ 60-second Agenda Generation			



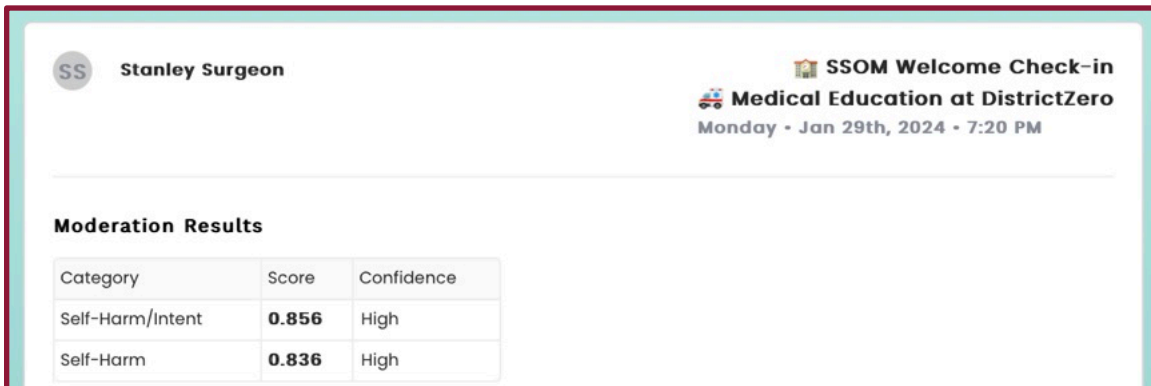
- **Group Mentorship Support:** With mentors handling groups of two mentees, the Agenda Generator facilitated more organized and productive sessions, automatically prepared for the mentor regardless of group size or check-ins volume.

Improved Emotional Expression Insights



Our platform provides deep insights into 52 different human emotional expressions through text analysis. This capability allows for more nuanced support and intervention, improving overall student well-being.³

Improved Safety Moderation



We introduced an enhanced priority-check-ins alert system powered by LLM and covers 11 categories of safety, powered by OpenAI. This method replaced the historical keyword-extraction method and improved false-positive reporting by 10x.⁴

³ **HumeAI:** Learn more about expressional measurement at <https://www.hume.ai/research>

⁴ **OpenAI:** Learn more artificial general intelligence at <https://openai.com/product>



Flexible Alert System

The notifications alert system was enhanced to give students more control over their emails, allowing them to manage their preferences and reduce notification fatigue.

Campus Mental-Health and Wellness



We integrated established wellness and mental-health resources through 'Cuneo Center' into the safety moderation alert system and user dashboards. This ended up being the 'breakout star' feature for the pilot.

- **Improved Access to Healthcare:** Mentees reported value and mental health service sign-ups from availability of campus resources on DistrictZero.
- **Works with Safety Alerts:** We improved the safety moderation alerts to highlight Cuneo Center resources upon any detection within 11 categories of moderation.
- **Works with Campus Resources:** We worked with administrators to highlight specific services established at Loyola University Chicago.

Program Tracker for Administrators

For program administrators, we developed a near real-time program tracker that provided up-to-date information on student completions, alerts, and assessments.

- **Near Real-Time Updates:** Administrators could monitor program progress in near real-time, ensuring timely interventions and support.
- **Comprehensive Overview:** The tracker offered a comprehensive overview of student engagement and program effectiveness.
- **Under Development:** The tracker has now been updated to real-time to ensure in-app user-experience and truly real-time updates for all data.



- **Single-page Guides:** Concise reference materials for quick and easy access to essential information.
- **One-on-one Training Sessions:** Personalized training to address individual needs and ensure effective use of the platform.
- **Professional Development:** Continuous enhancement of the platform based on feedback and evolving needs.
- **Scalable Training Collateral:** Documentation and training materials designed for scalability and relevance to other medical schools.

Frameworks and Methodologies:

The program utilized established frameworks such as the Oldenburg Burnout Inventory, Perceived Stress Scale, and the Quality of Life Scale, along with curated SSOM-aligned touchpoint surveys. These tools were integral to developing a robust and comprehensive approach to student well-being and burnout reduction.



Forward-Thinking Mentorship Matching System

Challenges and Learnings from the Pilot Program

While the overall program at SSOM was successful, our pilot uncovered significant challenges in the existing mentor matching process. Loyola initially relied on an institutional matching system based on randomization through the research department. This approach, although systematic, highlighted critical areas for improvement:

- **Potential for Increased Burnout:** The randomized matching system sometimes paired mentors and mentees with incompatible communication styles or misaligned professional interests, which could inadvertently contribute to increased burnout rather than alleviating it.
- **Need for Enhanced Personalization:** The lack of personalized matching led to less effective mentorship relationships, demonstrating the necessity for a more tailored approach to pairing mentors with mentees.
- **Scalability Issues:** As the number of participants grew, the randomization method proved insufficient for maintaining high-quality matches at scale.

Incoming State-of-the-Art Matching Algorithm

Under development within our enhanced system is a 'ground-up' matching algorithm designed to optimize mentor-mentee pairings from the outset. This algorithm will leverage advanced data analytics and machine learning techniques to consider a wide range of factors, including:

- **Personal and Professional Interests:** Ensuring alignment between mentors' expertise and mentees' career aspirations.
- **Communication Styles:** Matching individuals with compatible communication preferences to foster effective dialogue.
- **Emotional Intelligence Levels:** Pairing mentors and mentees based on their emotional intelligence profiles to enhance mutual understanding and support.
- **Availability and Commitment:** Balancing schedules and time commitments to ensure consistent and meaningful interactions.
- **Diversity and Inclusion:** Promoting diverse and inclusive pairings to enrich the mentorship experience and broaden perspectives.

Continuous Improvement and Impact Assessment

Our commitment to continuous improvement drives us to regularly assess the impact of our matching system. By collecting and analyzing data on mentorship outcomes, we can identify areas for refinement and ensure that our algorithm



evolves to meet the changing needs of our users. This data-driven approach allows us to:

- **Monitor Success Rates:** Track the effectiveness of mentor-mentee pairings and adjust matching criteria as needed.
- **Gather User Feedback:** Solicit regular feedback from mentors and mentees to understand their experiences and incorporate their insights into system updates.
- **Adapt to Emerging Trends:** Stay abreast of new developments in mentorship research and integrate best practices into our matching process.

Future Plans

Looking ahead, we plan to enhance our mentorship matching system by incorporating emerging technologies. Some of our future initiatives include:

- **AI-Powered Insights:** Utilizing artificial intelligence to provide real-time insights and recommendations for mentors and mentees, enhancing their interactions and outcomes.
- **Expanded Data Integration:** Incorporating additional data sources, such as academic performance and extracurricular activities, to create more holistic profiles for matching.
- **Customization Options:** Allowing users to specify their preferences and priorities in the matching process, providing a more personalized experience.
- **Ethical Principles of Psychologists and Code of Conduct by the American Psychological Association (APA):** Guides the ethical treatment of data and interactions with participants.



Intervention Discussion Agenda Generator

Time-Saving Innovation

The Agenda Generator, a key component of our platform, has proven to be a game-changer in saving time for mentors 240x during intervention meetings. By automating the creation of personalized meeting agendas, it allows mentors to focus more on meaningful interactions with their mentees rather than administrative tasks. This innovation has the potential to unlock the reallocation of Relative Value Units (RVUs) in a medical professional setting, providing additional value and efficiency for broader healthcare systems.

Planned Enhancements

We plan to massively improve the Agenda Generator to provide even better clarity, faster performance, and deeper relevance. Key enhancements will include:

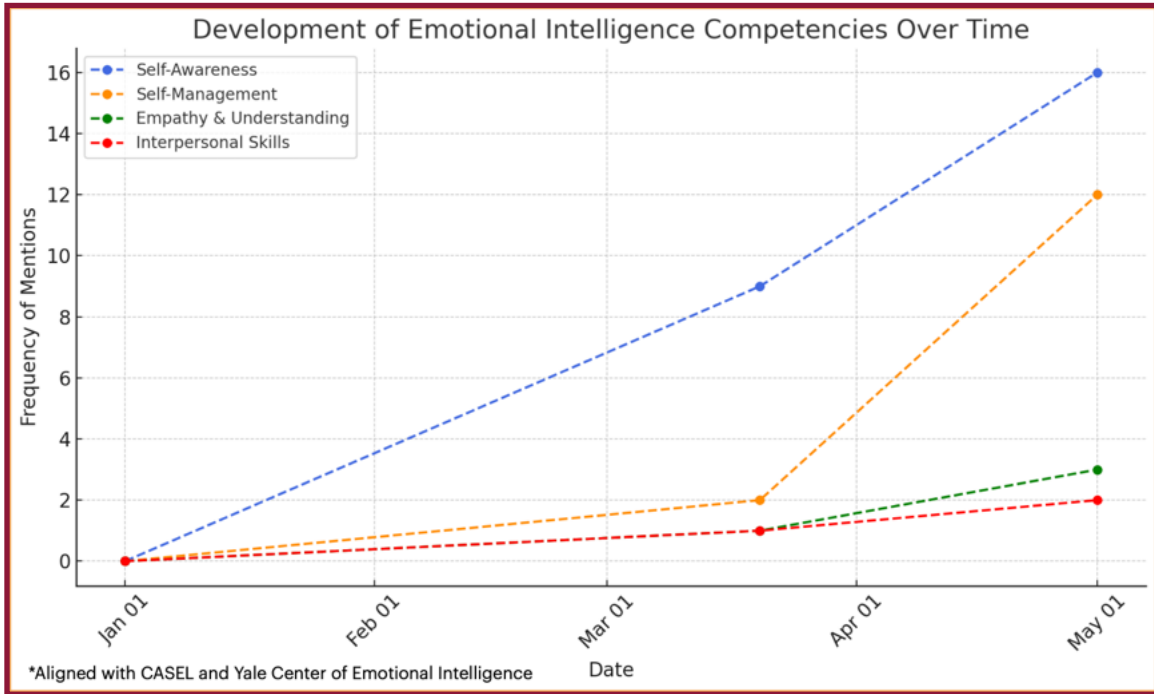
- **Improved Clarity and Understanding:** Enhancing the user interface and user experience to ensure that generated agendas are clear, concise, and easy to follow.
- **Faster Performance:** Optimizing the underlying algorithms and processing speeds to generate agendas more quickly, saving even more time for mentors.
- **Deeper Relevance:** Incorporating more personalized data and insights to ensure that each agenda is highly relevant to the specific needs and progress of the mentee.
- **Advanced Personalization:** Allowing for greater customization of agendas to reflect the unique goals and challenges of each mentoring relationship.
- **Integration of Visual Aids:** Adding the ability to include charts, graphs, and other visual aids in agendas to provide a richer, more informative experience.

Impact on Mentorship

By enhancing the Agenda Generator, we aim to further improve the effectiveness of mentor-mentee interactions. The ability to quickly generate highly relevant and personalized agendas will allow mentors to provide more targeted support, addressing the specific needs of each mentee. This, in turn, will help to reduce burnout and improve overall well-being among medical students.



Results and Benefits



Emotional Intelligence (EI) growth through 5/22/2024 completed assessments

Quantitative Results

• Well-Being Improvements:

- Mid-Program Assessment: 60% of students reported feeling "Somewhat better" or "Much better" compared to the start of the program.
- End-of-Program Assessment: 86% of students reported a significant improvement in their overall well-being.

• Program Satisfaction:

• Mentee Satisfaction:

- 75% of students would be "Very disappointed" or "Somewhat disappointed" if DistrictZero was no longer available.
- 73% of students expressed a desire to have the DistrictZero mentorship experience throughout their medical school journey.

• Mentor Satisfaction:

- 77% of mentors rated their experience as "Excellent" or "Good".
- 90% of mentors found the Discussion Agenda Generator helpful in saving preparation time.



- **Mentorship Efficiency:**

- We recognized a 240x efficiency in mentor time spent preparing for intervention meetings due to the Agenda Generator.
- 44% of Mentors were estimated to achieve a positive mentorship intervention due to prepared wins, challenges, and next-step suggestions.

- **Emotional Intelligence Development:**

- 85% of students reported improved emotional awareness and management skills by the end of the program.
- 77% of mentors observed noticeable improvements in their mentees' emotional intelligence.

- **Feature Impact:**

- The "Video Group Discussions" and "Wellbeing Check-ins" were the most positively impactful features, as reported by 90% of the mentees.
- 55% of mentors highlighted the "Discussion Agenda Generator" as the feature that most positively impacted their mentoring efficiency.
- 10% of mentees mentioned the "Wellness Center Information" helped them discover support services to improve well-being.

- **Engagement and Participation:**

- Weekly check-in completion rates remained steady at 72%, indicating high and consistent engagement from mentees.
- The overall retention rate for the program was 95%, demonstrating strong commitment and participation from both students and mentors.⁵

⁵ **Disclaimer:** All data in this case study has been de-identified to preserve privacy and confidentiality. Any identifiable information has been replaced with synthetic personas to ensure the protection of individual identities.



Qualitative Results

The DistrictZero mentorship program has not only led to significant improvements in quantitative metrics but also generated qualitative outcomes that highlight the transformative impact on students and mentors alike. Here are some key qualitative results:

- **Enhanced Mentorship Relationships:** Students and mentors reported deeper, more meaningful connections due to the structured and frequent interactions facilitated by the platform. This has led to increased trust and support within mentor-mentee pairs.
- **Increased Confidence and Reduced Stress:** Students noted a substantial increase in their confidence levels and a reduction in stress, particularly during clinical rotations. The consistent support and guidance provided through the program have been instrumental in this regard.
- **Improved Emotional Intelligence:** Participants have developed stronger emotional intelligence skills, including better self-awareness, self-management, social awareness, relationship skills, and responsible decision-making. This has been reflected in their interactions with peers, mentors, and patients.⁶
- **Greater Sense of Belonging and Community:** The program has fostered a sense of belonging and community among students, reducing feelings of isolation and promoting a supportive academic environment. This community support has been crucial in enhancing overall well-being.
- **Positive Feedback from Mentors:** Mentors have expressed satisfaction with the efficiency and effectiveness of the Agenda Generator, which has streamlined their preparation process and allowed them to focus on meaningful mentoring activities. The platform's tools have also enabled mentors to provide more targeted and personalized support.
- **Adoption of Best Practices:** The mentorship program has encouraged the adoption of best practices in mentoring and well-being support, setting a standard that other departments and institutions are looking to replicate. This has positioned SSOM as a leader in innovative approaches to student support.
- **Cultural Shift Towards Well-Being:** The implementation of DistrictZero's platform has contributed to a cultural shift within the institution, placing a greater emphasis on the importance of mental health and well-being. This shift has been embraced by students, faculty, and administrators alike.

⁶ CASEL - Learn more at <https://casel.org/fundamentals-of-sel/what-is-the-casel-framework/>



Mentee Student Testimonials

- "Reflecting on my experiences helped improve my mental and emotional well-being." - Neha, SSOM M3
- "As the program progressed, my well-being ratings consistently improved." - Richard, SSOM M3
- "Having someone to talk to made me feel emotionally supported." - Jessica, SSOM M3
- "I felt more confident and less stressed about my clinical rotations." - Stanley, SSOM M3
- "The mentorship encouraged me to take proactive steps for my mental health." - Fatima, SSOM M3
- "The program's consistent support was invaluable during stressful times." - Olivia, SSOM M3
- "I appreciated the guidance and the structured reflection time." - Emma, SSOM M3
- "Having a mentor to discuss my challenges with made a big difference." - Noah, SSOM M3⁷



⁷ **Disclaimer:** All data in this case study has been de-identified to preserve privacy and confidentiality. Any identifiable information has been replaced with synthetic personas to ensure the protection of individual identities.



Mentor Faculty Testimonials

- "The Discussion Agenda Generator saved immense time by incorporating themes and key points from previous check-ins. This allowed me to focus more on meaningful discussions with my mentees." - Dr. Walton, Faculty Mentor
- "The program's frequent check-ins and structured interactions created a more supportive environment for my mentees, helping them grow emotionally and professionally." - Dr. Apple, Faculty Mentor
- "Emotion Awareness Insights were incredibly valuable in understanding and addressing the emotional needs of my mentees. This feature truly enhanced the quality of our interactions." - Dr. Khan, Faculty Mentor
- "Using DistrictZero's platform, I could see the immediate impact on my mentees' well-being and engagement. The tools provided made my mentoring more effective and efficient." - Dr. Yu, Faculty Mentor
- "The structured approach of the program helped me provide better support to my mentees, and the feedback system ensured that our sessions were always aligned with their needs." - Dr. Emerson, Faculty Mentor⁸



⁸ **Disclaimer:** All data in this case study has been de-identified to preserve privacy and confidentiality. Any identifiable information has been replaced with synthetic personas to ensure the protection of individual identities.



Comparison with Alternative Solutions

PeopleGrove:

- Focus on Higher Education Career Success: PeopleGrove is tailored for broad higher education career success, supporting students in a variety of academic disciplines.
- General Well-Being Support: Offers general well-being support tools for students.
- Career Networking: Strong emphasis on career networking and alumni engagement.

Microsoft Teams:

- Communication and Collaboration: Microsoft Teams excels as a general communication and collaboration platform, widely adopted across various industries.
- Integration Capabilities: Offers extensive integration capabilities with other Microsoft products and third-party applications.
- Broad Usage: Provides tools suitable for a wide range of professional and educational settings.

Panorama Education:

- Social-Emotional Learning (SEL) Surveys: Focuses on long social-emotional learning surveys to assess student well-being.
- Data-Driven Insights: Provides data-driven insights to help educators understand and support student needs.
- K-12 Emphasis: Primarily designed for K-12 education settings, addressing the unique needs of younger students.

Manual Mentorship Programs:

- Customizable Tools: Manual programs using tools like Google Forms and Sheets offer high customization for specific needs.
- Direct Control: Educators and administrators have direct control over data collection and analysis.
- Flexible Implementation: Allows for flexible implementation based on institutional requirements.



DistrictZero's Unique Advantages

Emotional Intelligence Analytics:

- **Enhanced Insights:** Our platform integrates advanced emotional intelligence analytics, providing deep insights into mentees' emotional states and fostering a better understanding of their needs. This feature supports more effective and empathetic mentoring relationships.

Proven to Alleviate Burnout:

- **Mentee and Mentor Support:** DistrictZero's comprehensive approach is proven to alleviate burnout for both mentees and mentors. By offering real-time check-ins, automated burnout assessments, and personalized intervention agendas, the platform effectively reduces stress and improves well-being.

Specialized for STEM Higher Education Career Preparedness:

- **Targeted Support:** Designed specifically for STEM fields, DistrictZero addresses the unique challenges faced by students in high-pressure environments. Our platform prepares students for their professional careers by providing tailored mentorship and support.
- **Advanced Matching Algorithm:** Utilizing advanced data analytics and machine learning, DistrictZero ensures optimal mentor-mentee pairings based on personal and professional interests, communication styles, and emotional intelligence levels.

Scalability and Efficiency:

- **Seamless Expansion:** DistrictZero's solution is built to start from a single department and expand to entire schools and university systems. This scalability ensures that institutions can provide consistent support across multiple departments as they grow.
- **Enhanced Efficiency:** The platform significantly reduces administrative burden and enhances mentorship efficiency, allowing mentors to focus on meaningful interactions with their mentees.

Real-Time Insights and Continuous Improvement:

- **Data-Driven Decisions:** With real-time insights and continuous program tracking, DistrictZero enables administrators to make informed, data-driven decisions.
- **Ongoing Enhancements:** Our commitment to continuous improvement ensures the platform evolves with emerging technologies, maintaining its relevance and effectiveness.



Feature Comparison Matrix

Feature	DistrictZero	PeopleGrove	Microsoft Teams	Panorama Education	Manual Mentorship Programs
Real-Time Well-Being Check-Ins	✓	✗	✗	✗	✗
Personalized Intervention Agendas	✓	✗	✗	✗	✗
Emotional Intelligence Analytics	✓	✗	✗	✗	✗
Video Group Discussions	✓	✗	✓	✗	✗
Short-form Burnout Content	✓	✗	✗	✗	✗
Asynchronous Feedback Capability	✓	✗	✓	✗	✓
Mentor Gallery	✓	✓	✗	✗	✗
Flexible Alert System	✓	✗	✓	✗	✗
Real-Time EI Program Tracker	✓	✗	✗	✗	✗
Scalable and Customizable	✓	✓	✓	✗	✗
Data Privacy and Security Compliance	✓	✓	✓	✓	✗
Integration with Existing Systems	✓	✓	✓	✗	✗
Support for Structured Mentorship	✓	✓	✗	✗	✗
Actionable EI Impact & Reports	✓	✗	✗	✗	✗



Scalability and Flexibility

DistrictZero's solution is designed with scalability and flexibility at its core. The platform can easily be implemented at the departmental level and expanded to encompass entire schools and eventually broader university systems. This ensures that institutions can start small and grow the solution in response to evolving needs, providing consistent and integrated support across multiple departments and educational levels. Our scalable approach ensures that as your institution grows, DistrictZero's platform can adapt and continue to deliver high-quality mentorship and well-being support.

Commitment to High Standards and Data Privacy and Security

DistrictZero is committed to the highest standards of data privacy and security, ensuring that all user information is protected in compliance with key regulations. Our platform adheres to:

- **Compliance Standards:** HIPAA, FERPA, COPPA, CCPA, and SOPPA compliant.
- **Security Measures:** Higher-grade security for government customers (FedRAMP, IL-4).
- **Certifications:** Passed the HECVAT questionnaire and offers SOC 2, Type 1 and Type 2 certifications.

We prioritize data integrity and user privacy, ensuring that all interactions and personal information are handled with the utmost care and confidentiality.

Ongoing Enhancements and Emerging Technologies

DistrictZero is dedicated to continuous improvement, regularly updating our platform to incorporate the latest advancements in emotional intelligence and artificial intelligence. We recognize the fast-paced nature of these fields and strive to keep our solutions at the cutting edge, ensuring that our partners always benefit from the most innovative and effective tools available. Our commitment to ongoing enhancements means that institutions partnering with DistrictZero will receive continuous support and updates, ensuring the platform evolves to meet emerging needs and technological advancements.

By integrating these advancements, we ensure that our platform remains relevant and effective in addressing the challenges of student burnout and well-being in an ever-changing educational landscape.



Partner Testimonials



American
Heart
Association.

From the American Heart Association:

"DistrictZero's utilization of technology to empower individuals with tools to manage their socio-emotional wellbeing, while generating actionable data for preventative approaches, has been instrumental in enhancing educational outcomes. What makes DistrictZero's approach unique is that it is not just about access. It also creates efficiencies, increases engagement, and utilizes advanced technology. Above all, what has impressed me most about DistrictZero is its leadership's integrity and unwavering commitment to improving the emotional wellbeing of all." - **Mark McCoy, Senior Portfolio Manager, Social Impact Fund, American Heart Association.**



From Loyola University Chicago, Stritch School of Medicine:

"Our partnership with DistrictZero has been instrumental in enhancing the program's scope, enabling us to concentrate not only on medical school burnout, but also on the broader spectrum of emotional well-being of our students. What immediately stood out about their platform was its sophisticated analytics capabilities, offering insights into communication patterns, engagement levels, emotional sentiment, and the development of social-emotional skills within the mentor-mentee dynamic." - **Dr. Trent Reed, DO, CHSE, FACEP, Chair, Leischner Department of Medical Education, Loyola University Chicago Stritch School of Medicine.**

"The agenda generator is an element that has the potential to modernize the mentorship process. It literally does the work for the mentor. The agenda generator takes all the information provided through various check-ins and pulls together themes and common critical topics. This preparation is time-intensive and therefore limits overall availability for mentees, let alone patients or downtime." - **Dr. Trent Reed, DO, CHSE, FACEP, Chair, Leischner Department of Medical Education, Loyola University Chicago Stritch School of Medicine.**



Key Takeaways


- **High Engagement:** The pilot program achieved a 72% weekly completion rate for mentee check-ins, indicating strong and consistent participation in well-being check-ins. This high level of engagement underscores the effectiveness of DistrictZero's platform in fostering active involvement among students and mentors.
- **Well-Being Improvement:** An impressive 86% of mentees reported significant improvements in their well-being, reflecting enhanced mental, emotional, and physical health. These results demonstrate the platform's ability to positively impact the overall well-being of students in high-pressure environments.
- **Reduction of Burnout:** The structured mentorship and personalized support provided by DistrictZero's platform led to a notable reduction in burnout rates among medical students. This reduction is critical in preparing students for the demands of their professional careers and ensuring they remain resilient and empathetic healthcare providers.
- **Efficiency Increase:** Mentor intervention efficiency improved 240x, allowing mentors to prepare for meetings with two mentees in just 60 seconds compared to the 4.5-7.2 hours typically required for a 2-mentee monthly intervention meeting. This dramatic increase in efficiency highlights the platform's ability to save valuable time for busy mentors, enabling them to focus more on meaningful interactions.
- **Scalability and Support:** DistrictZero's solution is designed to scale seamlessly across multiple departments and schools within a broader university and higher education settings. This flexibility ensures that institutions can provide consistent support to a growing number of students and mentors, adapting to new challenges and expanding needs.
- **Continuous Improvement:** DistrictZero is committed to ongoing enhancement of its platform, ensuring that partners receive continuous support and regular updates. This dedication to continuous improvement guarantees that institutions will always benefit from the latest advancements in mentorship and well-being support.




Call to Action

Are you ready to see similar results at your institution? If you are interested in achieving the same transformative impact on student well-being and mentorship efficiency, or if you would like to initiate a pilot study, we invite you to schedule a demo and discuss how DistrictZero's SaaS solution can be tailored to meet your needs. If you are familiar with ChatGPT, we have prepared a custom GPT for this case-study report. Simply visit the link below and ask DistrictZeroGPT anything.



 **ChatGPT this report**
<https://chatg.pt/districtzero>



 **Free strategy discussion**
<https://dub.sh/infosession>

About DistrictZero

DistrictZero is on a mission to resolve burnout for 1 billion learners by 2027. As the leading innovative SaaS solution designed to address student burnout and enhance well-being in STEM education, we are committed to making a significant impact on the lives of students and educators alike. We are backed by the American Heart Association's Social Impact Fund (SIF) and Intel Corporation's Pandemic Relief Technology Initiative (PRTI). We proudly partner with esteemed institutions in public education to deliver cutting-edge solutions that drive positive outcomes. Join us in our mission to transform education and support the well-being of learners worldwide.



References

- Bhatnagar, V., Diaz, S., & Bucur, P. A. (2020). The need for more mentorship in medical school. *Cureus*, 12(5). Retrieved from <https://www.cureus.com/articles/30002-the-need-for-more-mentorship-in-medical-school>
- Binkley, P. F., & Brod, H. C. (2013). Mentorship in an academic medical center. *The American Journal of Medicine*, 126(11), 1022–1025. <https://doi.org/10.1016/j.amjmed.2013.07.016>
- Boise State University. (n.d.). How professors use their time: Faculty time allocation. Retrieved from <https://www.boisestate.edu/how-professors-use-their-time-faculty-time-allocation/>
- Brancu, M. (2017). How to improve mentoring relationships. *Psychology Today*. Retrieved from <https://www.psychologytoday.com>
- Caruso, T. J., Steinberg, D. H., Piro, N., Walker, K., Blankenburg, R., Rassbach, C., ... & Dohn, A. (2016). A strategic approach to implementation of medical mentorship programs. *Journal of Graduate Medical Education*, 8(1), 68-73.
- Centers for Disease Control and Prevention. (2022). Health workers face a mental health crisis. *CDC Vital Signs*. Retrieved from <https://www.cdc.gov>
- Columbia University. (n.d.). Mentoring best practices. Office of the Provost. Retrieved from <https://provost.columbia.edu/sites/default/files/content/MentoringBestPractices.pdf>
- Dalgaty, F., et al. (2017). The value of mentorship in medical education. *The Clinical Teacher*, 14(2), 124-128. <https://doi.org/10.1111/tct.12609>
- Faucett, E. A., McCrary, H. C., Milinic, T., Hassanzadeh, T., Roward, S. G., & Neumayer, L. A. (2017). The role of same-sex mentorship and organizational support in encouraging women to pursue surgery. *American Journal of Surgery*, 214(4), 640–644. <https://doi.org/10.1016/j.amjsurg.2017.05.016>
- Fischer, J., Alpert, A., & Rao, P. (2019). Promoting intern resilience: Individual chief wellness check-ins. *MedEdPORTAL*, 15, 10848. https://doi.org/10.15766/mep_2374-8265.10848
- Heller, B. (2020). We must address the mental health crisis among medical professionals. *MedPage Today*. Retrieved from <https://www.medpagetoday.com>
- Niederman, F., & Volkema, R. J. (1999). The effects of facilitator characteristics on meeting preparation, set up, and implementation. *Small Group Research*, 30(3), 330-360. <https://doi.org/10.1177/104649649903000304>
- Nimmons, D., Giny, S., & Rosenthal, J. (2019). Medical student mentoring programs: Current insights. *Advances in Medical Education and Practice*, 113-123.



Office of Faculty and Academic Staff Development. (n.d.). Best practices for mentors and mentees in academic settings. Michigan State University. Retrieved from <https://ofasd.msu.edu/best-practices-for-mentors-and-mentees-in-academic-settings/>

Pester, C. W., Noh, G., & Fu, A. (2023). On the importance of mental health in STEM. *ACS Polymers Au*, 3(4), 295-306. <https://doi.org/10.1021/acspolymersau.2c00062>.

Probasco, (2024). Artificial intelligence in US government. Investopedia. Retrieved from <https://www.investopedia.com/artificial-intelligence-in-us-government-8406703>

Ramani, S., Gruppen, L., & Kachur, E. K. (2006). Twelve tips for developing effective mentors. *Medical Teacher*, 28(5), 404-408. <https://doi.org/10.1080/01421590600627241>

Ramanan, R. A., Taylor, W. C., Davis, R. B., & Phillips, R. S. (2006). Mentoring matters: Mentoring and career preparation in internal medicine residency training. *Journal of General Internal Medicine*, 21(4), 340-345. <https://doi.org/10.1111/j.1525-1497.2006.00346.x>

Shiralkar, M. T., et al. (2013). A systematic review of stress-management programs for medical students. *Academic Psychiatry*, 37, 158-164. <https://doi.org/10.1176/appi.ap.11080116>

Zerzan, J. T., et al. (2009). Making the most of mentors: A guide for mentees. *Academic Medicine*, 84(1), 140-144. <https://doi.org/10.1097/ACM.0b013e3181906e8f>